

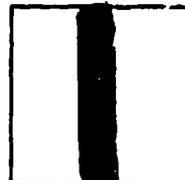
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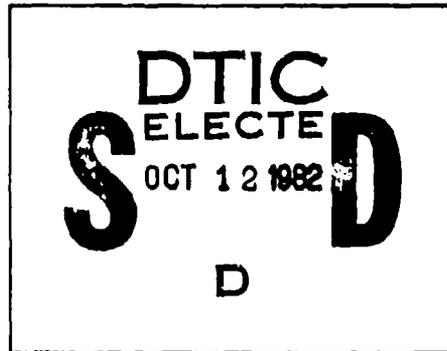
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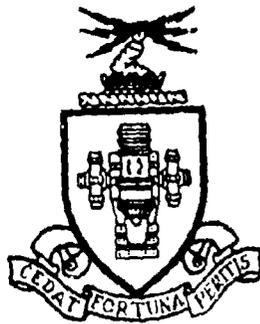
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# HISTORY

*of the*

## Field Artillery School



*Volume II*  
*World War II*

*Fort Sill, Oklahoma*

## PREFACE

The objective, when this work was originally conceived, was solely to compile a description of each course conducted by the Field Artillery School during the emergency period of World War II. As the work of compiling the course descriptions progressed, it became apparent that some general historical information on the School was essential to a complete understanding of the courses.

As the writer approached the end of his tour of duty as Secretary of the School, he undertook to assemble in permanent form the class data which Master Sergeant Frank Stanley, to his everlasting credit, had so meticulously and accurately recorded in long-hand as the courses progressed. These class data for each course are appended to the respective course descriptions in Chapter Two of this work.

The period covered here begins with 10 July 1940, when the first of the war-time courses started, and ends no later than 30 June 1946. The last of what were considered war-time courses terminated 3 May 1946. The several courses which were continued into 1946 ran concurrently with the so-called interim courses, which are not discussed here, as not coming within the purview of this work. Except for these few courses and some data included in appendices, the period covered herein actually ends in the autumn of 1945.

In connection with this project, a large number of Programs of Instruction were collected and these may be found in the Field Artillery School Library, presided over by the beloved perennial Librarian, Master Sergeant Morris Swett (Retired)--an ever-willing and indispensable aide to all who seek historical information on Fort Sill and the Field Artillery School.

Fort Sill, Oklahoma  
31 October 1946

THOMAS W. McCaw  
Lieutenant Colonel, Field Artillery

## PERTINENT DATES

National Emergency proclaimed by the President	-- 8 September 1939
United States declared war against Japan	-- 8 December 1941
Germany and Italy declared war against United States	-- 11 December 1941
Field Artillery Replacement Training Center, Fort Sill established	-- 10 January 1941
Ceased to exist	-- 30 April 1946
Officer Pools established at Replacement Training Centers by War Department	-- 19 December 1941
Army Ground Forces organized	-- 9 March 1942
Replacement and School Command organized	-- 9 March 1942
Office of Chief of Field Artillery ceased to exist	-- 8 March 1942
Field Artillery School separated from Post Headquarters, Fort Sill	-- 11 April 1942
Hostilities with Germany ceased	-- 8 May 1945
Japan accepted surrender terms and agreed to cease hostilities immediately	-- 14 August 1945
Surrender terms officially signed	-- 2 September 1945

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## CHAPTER ONE

### THE FIELD ARTILLERY SCHOOL IN WORLD WAR II

#### SECTION I

#### ORGANIZATION OF THE FIELD ARTILLERY SCHOOL

During the emergency period and for some four months after war was declared, the senior officer present was in command of Fort Sill. This policy had been in effect down through the years. Thus, the Commandant was in command of the Post as well as the Field Artillery School, except for a brief period when the 45th Infantry Division was stationed at Fort Sill. Then the Division Commander, the ranking officer present, was in command of the Post during the Division's stay--September 1940 to February 1941.

In the spring of 1942 the War Department adopted a new policy of placing the operation of posts, camps, and stations under the Army Service Forces. Under this policy, the Fort Sill Post Headquarters and the various services having to do with the operation and maintenance of the post as such--Quartermaster, Engineer, Finance, and so on--were placed under the Eighth Service Command, effective 11 April 1942. Thereafter, the Commandant was responsible only for the Field Artillery School directly under the Commanding General, Replacement and School Command, located at Birmingham, Alabama. The latter was directly responsible to the Commanding General, Army Ground Forces, Washington, D. C.

The Field Artillery Replacement Training Center was established at Fort Sill 10 January 1941, with its Commanding General also directly responsible to the Commanding General, Replacement and School Command. Within this command there was a Field Artillery Officer Replacement Pool, as directed by War Department letter of 19 December 1941. A profitable cooperative relationship existed between the Field Artillery School and the FARTC throughout the war.

The FARTC at Fort Sill ceased to exist 30 April 1946

Upon being separated from Post Headquarters in April 1942, the organization of the School consisted essentially of the Commandant, Assistant Commandant, Executive, Secretary, the academic departments, and the various service sections essential to the installation. All instructions, research, publications, and the like were under the Assistant Commandant. The Secretary performed the administrative duties normally handled by an adjutant, as well as the keeping of academic records and other administrative chores having to do with students.

A reorganization of the School was effected 2 September 1942, the principal effect of which was to establish four staff sections: S-1 Personnel; S-2 Military Intelligence; S-3 Operations and Training; S-4 Fiscal, Supply, and Facilities, and a number of special staff sections. Somewhat later, on 1 May 1943, the S-1 assumed the additional duties of the Secretary. The latter then functioned directly under the Commandant.

Further changes in the organizational set-up were made 1 June 1943, principally by the addition of an Adjutant General. That position was not actually filled until the assignment of Colonel Warner W. Carr, AGD, 5 August 1943. Thereafter, the Secretary's duties were largely confined to academic matters, and he functioned under the Assistant Commandant. There were 13 special staff sections, each reporting directly to the Commandant, or through the Executive: Classification, Range, Inspector General and Staff Judge Advocate, Reproduction and Book Store, Supply, Training Aids, Bond and Insurance, Recreation and Welfare, Public Relations, Headquarters Superintendent, Mess Purchasing Officer, Ordnance Officer, and Chaplains.

On 1 June 1944 the unwieldy group of special staff sections were eliminated by assigning each of them to one of the four principal staff sections. The only special staff sections retained were Adjutant General, Inspector General, and Range Section. Also, some sections formerly operating under the Assistant Commandant were placed under the S-3. (See Organization and Functional Charts, dated 1 June 1943 and 1 June 1944. Field Artillery School Library.)

Only one other major reshuffling occurred during the war period: the separation of the Secretary from the S-1 and the return of that office to the office of the Assistant Commandant (13 August 1945).

## SECTION II

### ACADEMIC DEPARTMENTS

September 1940 found the School organized for instructional purposes into six departments. Animal Transport, Extension Courses, Gunnery, Materiel, Motor Transport, and Tactics and Communication. The Department of Motor Transport had just been established, formerly having been a section in the Department of Materiel.

On 15 November 1941 the Department of Tactics and Communication was separated into two departments - Department of Tactics and Department of Communication.

The Department of Air Training was established 6 June 1942.

The Department of Observation was established 1 December 1943.

The name of the Department of Tactics was changed to Department of Combined Arms, which more accurately described its mission, effective 3 April 1944.

In the only other change, the Department of Motor Transport was redesignated the Department of Motors effective 22 August 1944.

#### Department of Air Training

This Department ceased to exist as such 7 December 1945, having been redesignated Army Ground Forces Air Training School, with an Assistant Commandant in charge. The training offered in the Department of Air Training had been limited to field artillery personnel. Since the War Department then adopted organic aviation for five other ground arms, Infantry, Armored (Tank), Cavalry, Tank Destroyer, and Engineer, the Army Ground Forces Air Training School was established to give all organic aviation training for the Ground Forces. (See also "Comments on Air Training.")

#### Department of Animal Transport

This Department conducted all courses offered for officers and enlisted men of field artillery units using animals (horses and mules). After the summer of 1942 practically all students were drawn from pack artillery units. The Department ceased to exist 25 September 1944, since it was contemplated that no more pack artillery units would be activated.

Courses conducted by the Department:

Officers' Horsemanship Course  
Officers' Pack Artillery Course  
Enlisted Specialist Course (Horsemanship)  
Enlisted Horseshoer Course  
Enlisted Saddler Course  
Enlisted Packmaster Course

#### Department of Communication

This Department was established 15 November 1941, having previously been a part of the Department of Tactics and Communication.

The Department conducted all instruction in all types of communication used in the field artillery. In addition to communication sub-courses of the general courses (such as Officers' Advanced Course, Officers' Basic Course, and Officer Candidate Course), the following courses were conducted:

Officers' Communication Course  
Enlisted Communication Course  
Enlisted Radio Repairman Course  
Odograph Course  
JASCO Course

#### Department of Combined Arms

Prior to 3 April 1944, this Department bore the name Department of Tactics, which had been a part of the Department of Tactics and Communication before 15 November 1941.

The Department conducted instruction in all subjects offered by the School not falling in one of the specialist categories covered by the other departments. Included were Tactics, Map Reading, Associated Arms subjects, Administration, Intelligence, Liaison, Amphibious Operations, Organization for Combat, and Combat Orders, among others.

The Director of the Department also served as Course Director for the Officers' Advanced Course, Officers' Refresher Course, Artillery Intelligence Course, and Officers' Refresher Artillery Intelligence Course.

### Department of Gunnery

This Department has always existed in the School, offering instruction in all phases of field artillery gunnery, a subject in which all field artillery officers are expected to be proficient.

The Department conducted various subcourses in the various phases of gunnery included in the curricula of the general courses. Some of these subcourses were Observed Fire, Unobserved Fire, Fire Direction, Survey and Service Practice.

The Officers' Specialist Course (Fire Direction and Survey) and the Officers' Survey Course were also conducted by this Department.

The Director of the Department served as Course Director for the Officers' Basic Course and Officers' Special Basic Course; also for the Battery Executive Course from 7 May 1945 to 14 July 1945.

### Department of Materiel

This Department had been in existence for many years conducting instruction in construction, care, and maintenance of field artillery weapons and ammunition.

The Department conducted all materiel subcourses in the general courses and conducted in their entirety the Radio Controlled Airplane Target Course and the Enlisted Artillery Mechanic Course.

The Director of the Department also served as Course Director for the Battery Executive Course from 24 February 1944 to 6 May 1945.

### Department of Motors

This Department was established on or about 1 September 1940, having previously been a section of the Department of Materiel.

The Department conducted all instruction in the construction, care, maintenance, and operation of motor vehicles used in the field artillery.

In addition to the motors subcourses of the general courses, specialist courses were conducted as follows:

- Officers' Motor Course
- Officers' Full Track Vehicle Course
- Enlisted Motor Course
- Enlisted Full Track Vehicle Course
- M29C Cargo Carrier Course

## Department of Observation

An observation section was established within the Department of Gunnery 15 June 1942. At first the only course conducted by the section was the Observation Battalion Officers' Course, the name of which was subsequently changed to Officers' Sound and Flash Ranging Course. In May and June 1943, three courses for enlisted men from observation battalions were inaugurated--Enlisted Survey Course, Enlisted Flash Ranging Course, and Enlisted Sound Ranging Course.

Effective 1 December 1943 the section was separated from the Department of Gunnery and established as the Department of Observation, with Lieutenant Colonel Paul R. Walters as Director.

The Department ceased to exist 14 February 1944, this time becoming a section within the Department of Tactics.

The Department of Observation was again established 20 March 1945. By this time a number of additional courses had been established and the Department had become deeply engrossed in research and development work in connection with the use of radar and allied electronic devices by the field artillery. (See "The Radar Program" and "Meteorological Training Program" elsewhere in this volume.)

Courses conducted by the Department during the period which began with its establishment as a section in the Department of Gunnery and ended in the Fall of 1945:

- Officers' Sound and Flash Ranging Course
- Officers' Radar Course
- Enlisted Survey Course
- Enlisted Flash Ranging Course
- Enlisted Sound Ranging Course
- Enlisted Instrument Repair and Maintenance Course
- Enlisted Sound Ranging Equipment Repair and Maintenance Course
- Enlisted Basic Meteorology Course
- Enlisted Radar Operator Course
- Enlisted Radar Repairman Course
- Enlisted Radar Ranging Course
- Meteorological Team Training Course
- Radar Team Training Course

The following courses were conducted under the direction of the Department of Observation, but virtually all instruction was conducted by other departments:

**Officers' Radar Preparatory Course**  
**Enlisted Radar Preparatory Course**

### SECTION III

#### TRANSITION FROM PEACE-TIME SCHEDULE TO WAR SCHEDULE OF COURSES

The peace-time schedule of courses (for officers) in effect at the Field Artillery School for several years prior to 1940 was as follows:

Regular Course - A general course of 35 weeks duration for Regular Army field artillery officers, running from September to June of each year.

National Guard and Reserve Officers' Course - A general course of 13 weeks' duration, running from February to May and from September to December of each year. Open to National Guard field artillery officers of field and battery grades and Reserve Officers of battery grade.

Advanced Course in Horsemanship - A course of 35 weeks duration running from September to June and covering advanced work in horsemanship including animal management, driving and draft, equitation, and horseshoeing. Open to selected Regular Army field artillery officers who had successfully completed the Regular Course.

Advanced Course in Motors - A motors course of 20 weeks duration running from September to February, designed to prepare the graduates for duty as regimental motor officers and as motor instructors. Normally open to selected Regular Army field artillery lieutenants who had successfully completed the Regular Course.

Advanced Course in Communication - A course of 16 weeks duration running from February to June, covering field artillery communication systems and equipment. Normally open to selected Regular Army field artillery officers who had successfully completed the Regular Course.

Refresher Course - A general field artillery refresher course of 5 weeks duration, running from September to October. Open to general officers and field officers of the field artillery, Regular Army.

For the school year starting in September 1939, the courses listed above were conducted in accordance with the schedule with one major exception. The Regular Course and the Advanced Course in

Horsemanship were terminated on 1 February 1940 by War Department instructions in order that the students and some instructors could participate in the army maneuvers which were held that spring. For the same reason, the Advanced Course in Communication, scheduled to start on 1 February 1940, was not given.

The first warning that the above-mentioned curtailment might occur was received on 6 October 1939, and final instructions to that effect were received on 21 October 1939. By increasing the instruction periods to eight hours a day, and continuing instruction during the usual Christmas vacation period, it was possible to cover about 52% of the normal courses.

The existence of a national emergency, as proclaimed by the President on 8 September 1939, caused a marked increase in enrollment in the National Guard and Reserve Officers' Course for the spring of 1940 (10 February 1940-11 May 1940). The enrollment for the spring of 1940 was 130, as compared with 45 for the spring of 1939 and 62 for the fall of 1939.

The 1st Field Artillery and 77th Field Artillery were absent on maneuvers during the spring of 1940, leaving only the 18th Field Artillery (horse-drawn) to serve as school troops. It was thus necessary to improvise a truck-drawn battalion for essential motorized instruction.

In May 1940 the usual announcement of courses for the forthcoming school year was published by the Field Artillery School in the form of a booklet entitled "Description of Courses, 1940-1941," but it was obsolete by the time the first course was to start on 16 September 1940. In the meantime, the expansion of the army had progressed so rapidly that the establishment of more and shorter courses was indicated. The first of these were several specialist courses for enlisted men, starting 10 July 1940, followed by officer specialist courses in Communication, Horsemanship, and Motors, starting 1 August 1940. These and additional courses started at this time, with pertinent data, are listed below.

<u>Course</u>	<u>Starting Date</u>	<u>Duration</u>	<u>Class Capacity And Frequency</u>
Battery Officers'	15 Aug 40	12 Weeks	Class of 56 officers entering each week.
Advanced	14 Nov 40	12 Weeks	Class of 30 officers entering every 12 weeks.

<u>Course</u>	<u>Starting Date</u>	<u>Duration</u>	<u>Class Capacity and Frequency</u>
Field Officers	10 July 41	8 Weeks	Class of 30 officers entering every 8 weeks.
Officer Specialist Communication	1 Aug 40	12 Weeks	Class of 30 officers entering every 12 weeks.
Motors	1 Aug 40	12 Weeks	Class of 20 officers entering every 12 weeks.
Horsemanship	1 Aug 40	12 Weeks	Class of 20 officers entering every 12 weeks.
Basic Course for New Regulars	9 Aug 40	12 Weeks	One class.
Enlisted Specialist	10 July 40	12 Weeks	(Class entering every 12 weeks)
Communication			144
Motor Mechanic			96
Battery Mechanic			64
Horseshoer			18
Saddler			18
Horsemanship			50

## SECTION IV

### COURSES OF INSTRUCTION

The war-time courses for specialists, both officers and enlisted men, continued to be known as specialist courses until August and September 1942, when the term "specialist" was dropped from the titles. For example, the Enlisted Specialist Course (Communication) became the Enlisted Communication Course.

New courses were established or changes made in existing courses as the need arose. Headquarters, Army Ground Forces, would direct such action upon its own initiative or would authorize it at the suggestion of the Commandant of the Field Artillery School.

The term "regularly authorized course," as used in this volume, refers to a course which had been authorized by Army Ground Forces and for which quotas were allotted. Other courses were authorized by the same headquarters for the purpose of training selected students or special groups of students, and for which quotas were not allotted to units. Authorized course capacities in both of the foregoing categories usually were counted in computing the authorized overhead personnel allotment for the School.

The Commandant had authority to establish courses for the training of personnel under his control and some such courses were conducted from time to time. However, these could not be considered in computing personnel allotments.

The Commandant had full authority to cancel a class of any course for good and sufficient reason, with the exception of the Officer Candidate Course. This was done on many occasions, particularly during the waning months of the war, usually because too few students reported to warrant the running of the class. When a class was cancelled, its number was dropped and not used for a succeeding class.

Standards for graduation for each course were established by the Faculty Board. However, the Board at any meeting could change the standards or suspend them for an individual case in the presence of extenuating circumstances.

#### Grades

Final grades, academic ratings (Superior, Excellent, etc.), and class standings were not divulged to the students, in accordance

with directives from higher headquarters. However, an officer student's unit commander, at his request, would be furnished the student's grades by subcourses, but not his general average. As for enlisted students, a report was routinely mailed to the unit commander showing the grade for the course, class standing, academic rating, whether or not graduated, and Military Occupational Specialty (MOS) for which the course qualified the graduate.

#### Certificates

Two types of certificates were used for issuance to students who successfully completed a course. Each certificate bore the signatures of the Commandant, Assistant Commandant, and the Secretary. The Officer Candidate School certificate bore the additional signature of the officer in direct charge of OCS (successively the Commandant of Candidates, the Commanding Officer of the Student Regiment, and the Commanding Officer of the Field Artillery School Detachment).

A Certificate of Proficiency was used for all regularly authorized courses and for some other courses for which grades were recorded. In the case of general courses (e.g., Officers' Advanced Course) and some specialist courses, the subcourses were listed on the certificate. If a student was graduated, although failing a subcourse, that subcourse was red-lined on the certificate.

A Certificate of Attendance was used for certain special courses and for all courses for which grades were not recorded.

Except for a few cases, foreign students (personnel of foreign armies) were issued Certificates of Attendance, even though grades were recorded, regardless of successful or unsuccessful completion of the course.

No certificates were issued to enlisted students during the period 7 December 1942 to 10 November 1943. Section III, War Department Circular 396, 7 December 1942, suspended the issuance of diplomas and certificates of proficiency for enlisted men graduates of special service schools. The circular further provided that successful completion of a course would be mentioned in special orders at time of graduation and appropriate entry made in service record. This provision was rescinded by Section I, War Department Circular 291, 10 November 1943, and the issuance of certificates of proficiency was resumed.

## Students

Students for the various courses, during the first several years of the war period, were recruited by the allotment of quotas to the various field artillery units in training in this country, and the units were required to fill their quotas. As units moved overseas, and the personnel of remaining units had taken appropriate courses at the School in increasing proportions, a new plan was adopted. All units were given an opportunity to request quotas which were then allotted in accordance with the requests.

For certain special courses, students were selected for their particular qualifications and background. For example, the Meteorological Team Training Course was established to train personnel for duty in Field Artillery Observation Battalion weather sections. The officer students for the course were chosen from among available AAF weather officers.

When a given class was not filled to capacity from outside sources, the Commandant was free to fill the vacancies by enrolling personnel under his control. This was frequently done.

For various reasons, students often were relieved before completing a course:

For failure to do satisfactory work. Every effort was made to salvage such students. Those who were trying and gave some evidence that they could overcome their difficulties if given more time were turned back to a succeeding class. Sometimes a student was unable to concentrate on his work because of trouble at home, such as illness. A leave of absence or emergency furlough very often enabled such a student to find himself and to return to his studies in a succeeding class with renewed hope and vigor. Other times it would be quite apparent, after careful interviews by the Course Director and the Secretary, that the only alternative was to relieve the student and return him to his organization.

Sometimes a student would develop a physical disability during the course which prevented his doing satisfactory work. If a medical report verified this, the student would be relieved without prejudice to his professional qualifications.

Until 1 April 1944, when an officer student failed a general course, the regulations required that the School initiate reclassification proceedings. After that date, the Secretary merely rendered a report on the case (Form prescribed by para 3d (1), AR 600-185) to

the Commanding General of the army, separate corps, or major installation to which the officer's unit was assigned. Any further action rested with the Commanding General, who usually placed the officer on probation for a period of 60 days and made his decision as to reclassification after receiving the special efficiency report rendered for the probationary period.

By request of his unit or higher commander. Officer students were often relieved before the end of the course at the request of their unit or higher commander. In most cases, these requests were made because the unit received overseas movement orders. In a few instances, the services of the officer were urgently needed in his unit and his return requested.

Army Regulations (para. 16, AR 350-110) prescribed a different treatment for enlisted students. An enlisted man could not be returned to his organization before the end of the course merely on the request of his organization commander, unless it were specifically directed by the Commanding General, Army Ground Forces. However, if the Commandant deemed the enlisted student "unfitted for any reason to continue a course of instruction," the man would be ordered to rejoin his proper organization and the facts reported to his commanding officer. Special instructions governed the disposition of men from overseas stations and from replacement training centers.

For failure to meet course prerequisites. Organization commanders were quite often guilty of detailing to the School officers and enlisted men, particularly the latter, who did not meet the prerequisites of a course. This practice was prevalent during the period when organization commanders were required to fill allotted quotas. If the preliminary tests and interviews convinced the School that the individual would not be able to absorb the instruction, he was immediately returned to his organization. If a more basic course in the same category were available, he was enrolled in that course pending receipt of approval from the organization commander.

## SECTION V

### PERSONNEL

Personnel for the Staff, Faculty and Detachment of the Field Artillery School was authorized on a bulk allotment basis. Initially, the War Department, working through the Chief of Field Artillery, authorized personnel by number and grade from time to time. Requirements were determined by the work load. As a new course was established or the capacity of an existing course increased, the Commandant would indicate how many additional personnel, by grade, he needed. The War Department (subsequently, Army Ground Forces) would make the final decision, taking due consideration of the existing manpower situation. Work load reductions were followed by a corresponding drop of personnel allotments.

A War Department letter dated 28 December 1940 allotted 160 officers to the Staff, Faculty and Detachment - consisting of 45 regular and 115 reserve. A short time later, the allotment of reserve officers was increased to 175, bringing the total to 220 officers. This included 24 officers specifically allotted by the War Department for the Officer Candidate School, scheduled to begin operations in July 1941. The War Department continued to determine the number of personnel required to operate the Officer Candidate School, based on authorized student capacity and recommendations of the Field Artillery School, covering them by separate allotment, until February 1943. Thereafter, the OCS allotment was included in the bulk allotment for Staff, Faculty and Detachment.

As a yardstick for computing the number of personnel required for a given work load, early in 1942 it was considered that five instructors for each two 30-student sections was about right. Also, three tactical officers were allotted for each OCS class of 500. Of course, as the size of the classes diminished, the ratio of tactical officers to candidates increased.

A reduction in overhead personnel at service schools, to bring them down to the absolute minimum, was directed by Army Ground Forces in February 1944. This was mandatory in order to release all available qualified men and officers for duty overseas or for assignment to tactical units ultimately destined for duty overseas. It was pointed out that the ratio between the maximum capacity and the maximum overhead at service schools as a group was approximately 2.0:1. (The maximum enrollment of students at the Field

Artillery School was reached in February 1943 when the ratio was exactly 2.0:1.)

On 1 December 1943 the ratio at service schools was 1.0:1. (The ratio at the Field Artillery School was 1.28:1, including the Truck Regiment strength of 948 men; excluding the latter figure, the ratio was 1.48:1.) Service schools as a group were approximately 15%, or 3600, over their authorized overhead allotments.

The Army Ground Forces directive of February 1944 prescribed that the ratio between 1944 total class capacity and school overhead be increased to approximately 1.5:1 by 1 May 1944. Also that distribution of officer overhead between various grades would be approximately:

<u>Col</u>	<u>Lt Col</u>	<u>Maj</u>	<u>Capt</u>	<u>1st Lt</u>	<u>2d Lt</u>	<u>Total</u>
4.0	9.0	17.6	31.0	27.7	10.7	100%

These provisions became the new allotment criteria.

A committee from the War Department Manpower Board (WDMB) visited the School in July 1944 and made a very thorough study of the personnel situation. The committee was armed with a set of personnel criteria for service schools, known as WDMB Yardstick No. 8. Applying the yardstick without allowances for local conditions peculiar to the Field Artillery School, the ratio of student capacity to overhead was 2.45:1. Making allowance for various local conditions, as recommended by the Field Artillery School, the ratio was 1.42:1. The members of the Board seemed disposed to agree to the validity of the latter figure. Nothing further was heard from their visit, and the ratio of 1.5:1 continued to be used as the criterion.

Although total authorized student capacities for the School were automatically changed by Army Ground Forces as changes in courses were made, corresponding changes in overhead allotments did not immediately follow. It was first necessary for the School to submit a request showing the distribution by grades desired. The percentage distribution of grades shown in the above table was not strictly applied; some deviation was permitted. By the time the request had passed through the Replacement and School Command, and Army Ground Forces had considered it and taken final action, as much as four to six weeks would have elapsed. In the meantime, further changes in course capacities could have been made, in which case the original request would be returned to the School for appropriate revision. Sometimes the request would be denied because of anticipated further changes in course capacities.

The delay in approving allotment requests also had unfortunate effects on promotions. Position vacancies for promotions were determined from the approved overhead allotments by grade (Tables of Distribution). Often, promotion requests were returned because of actual or contemplated reductions in allotments during the long journey of the request to and through Army Ground Forces.

Here is an extreme example of the time-consuming negotiations involved in the allotment process and of the caution the War Department was obliged to exercise:

On 15 May 1942 the School submitted a request for a net increase in the personnel allotment of 147 men to operate additional messes made necessary by increased student strength. The letter went back and forth between Fort Sill and Washington until it reached its final resting place in the Field Artillery School files on 1 December 1942. It bore 20 indorsements. Final result: 78 additional men were allowed.

#### Officer Rotation Policy

In the spring of 1942 a policy was put into effect prescribing that an officer's tour of duty at the School would be limited to one year. The policy did not apply to limited service and over-age-in-grade officers. Furthermore, the policy was inoperative in the case of specialists for whom deferment had been approved by Army Ground Forces. Replacements were drawn from troop units on a quota basis, and it was understood that a unit thus losing an officer to the School would receive in exchange an officer who had completed at least a year of service at the School. Since a large proportion of the officers filling the administrative positions at the School were not eligible for troop duty, most of the officers rotating to troop units were instructors, and the unit commanders were usually glad to get them.

Army Ground Forces made every effort to reassign an officer promptly at the end of his year. Many times, however, vacancies were not immediately available, and delays of many months ensued. Some officers made the mistake of preparing to leave immediately upon completing a year of duty, even to the extent of surrendering quarters and shipping household effects home, in anticipation of duty in the field. Department directors complained that the efficiency of many of those officers declined to such a degree that they were of little value to the department. To make matters worse, from the standpoint of morale, an officer who had been reported for rotation was not eligible for promotion so long as he remained at the School.

A new rotation plan adopted by Army Ground Forces 24 October 1944 prescribed that lieutenants invariably would be reassigned at the

end of 12 months duty at the School; captains and field grade officers would remain beyond a year until the School reported them as qualified for troop duty or assignment overseas.

The new plan contemplated reassigning the affected lieutenants to an officer replacement pool until troop assignments were available. However, this never was put into effect at the Field Artillery School. The School soon convinced higher headquarters that it was better to allow the lieutenants to continue on their previous jobs than to let them languish in an officer pool until troop assignments were found.

In the spring of 1945, the need for replacements overseas became more urgent, and all thought of a rotation policy was soon abandoned.

### Personnel Allotments

Personnel allotments (overhead) were frequently changed as the work load changed. No purpose would be served here by enumerating all changes, but in order to show the trend, an abbreviated tabulation follows:

	<u>Officers</u>	<u>Warrant Officers</u>	<u>Enlisted</u>	<u>Total</u>
20 Nov 40	160		658	818
30 Sep 41	208		1233	1441
15 Jan 42	806		1233	2039
15 Jul 42	867	12	2441	3320
30 Nov 42	955	14	1642	2611
12 Apr 43	1000	30	2415	3445
30 Sep 43	910	30	2319	3259
10 Dec 43	832	35	2480	3347
15 Jun 44	843	38	2517	3398
15 Sep 44	874	39	2560	3473
15 Jan 45	712	36	2479	3227
15 Apr 45	700	36	2292	3028
15 Jun 45	674	37	1668	2379
15 Oct 45	674	37	1668	2379
15 Dec 45	677	37	1702	2416

Below are examples of allotments by arm or service, and grade:

8 May 43

#### OFFICERS

<u>Arm or Service</u>	<u>Col</u>	<u>Lt Col</u>	<u>Maj</u>	<u>Capt</u>	<u>1st Lt</u>	<u>2d Lt</u>	<u>Total</u>
FA	21	76	146	236	354	133	966

Arm or Service	Col	Lt Col	Maj	Capt	1st Lt	2d Lt	Total
Inf	1	1	3	0	0	0	5
BI	0	0	1	2	2	0	5
CWS	0	1	0	0	0	0	1
AGD	0	1	0	1	1	0	3
IGD	1	0	0	0	0	0	1
MC	0	0	2	2	0	0	4
VC	0	0	1	0	0	0	1
AC	0	1	0	0	0	0	1
	23	80	153	241	357	133	987

ENLISTED

Grades:	I	II	III	IV	V	VI	VII	Total
	66	61	223	332	388	662	521	2453

21 September 1944

OFFICERS

Arm or Service	Col	Lt Col	Maj	Capt	1st Lt	2d Lt	Total
FA	19	65	137	184	255	16	676
Inf	1	1	3				5
BI		1	5	6	6	2	20
CWS		1					1
AGD	1			1	2		4
IGD	1						1
MC			2	2			4
VC			1				1
OD		1					1
AC		1					1
	22	70	148	193	263	18	714

ENLISTED

Grades:	I	II	III	IV	V	VI	VII	Total
FA	65	67	239	525	328	532	378	2134
WAC	1		4	16	43	45	42	151
	66	67	243	541	371	577	420	2285

21 March 1945

OFFICERS

Arm or Service	Col	Lt Col	Maj	Capt	1st Lt	2d Lt	Total
F.A.	19	65	137	183	251	14	669
Inf	1	1	3				5
BI			2	2	2		6
CWS		1					1
AGD	1			1	2		4
IGD	1						1
MC			2	2			4
AC		1					1
WAC(Opn)					3	2	5
WAC(Det)				1	1		2
	22	68	144	189	259	16	698

WARRANT OFFICERS

Classification No.	1	7	20	27	29	33	Total
WO	9	4	14	6	2	1	36

ENLISTED

Grades	I	II	III	IV	V	VI	VII	Total
FA	65	67	236	511	324	545	386	2134
WAC	2		9	31	49	33	34	158
	67	67	245	542	373	578	420	2292

Enlisted Personnel

Enlisted personnel for duty at the Field Artillery School were normally obtained by requisition to Army Ground Forces. When the enlisted strength exceeded the authorized figure at any time, the surplus men were immediately reported by teletype to Army Ground Forces and reassignment instructions usually were received by teletype within a week or ten days. This was in contrast to the procedure used in the case of officers. The actual strength of officers often exceeded the authorized strength by 10 to 20 percent for extended periods.

Overage, limited service, and men otherwise ineligible for duty overseas were utilized to the maximum extent. This policy necessitated constant and careful surveillance by the Classification and Assignment Unit, S-1 Section. This unit consisted on the average of 3 officers, 17 enlisted personnel, and 2 civilian clerk-typists.

In addition to conducting routine interviews of the men of the Detachment and School Troops, the Assignment Unit had to interview the attached, unassigned enlisted students to determine their Military Occupational Specialties and their future assignments. The Unit also prepared the initial WDAGO Forms 66-1 for OCS graduates, selected the graduates to be retained for enrollment in officer specialist courses, and determined the duty assignments for the new Second Lieutenants.

All Forms 20 of the enlisted personnel of the Detachment and enlisted students were in the custody of the Classification and Assignment Unit, but service records, morning reports, and the like were kept by the personnel sections of the units to which the men were assigned or attached. In September 1945 the units were relieved of the latter function, and all enlisted personnel administration was centralized under the Adjutant General, Field Artillery School.

With the issuance of Redeployment Regulations in May 1945 immediately after VE Day, an added burden of considerable proportions was placed on the personnel administration people of the School. This included the determination of eligibility for separation, for duty overseas, or for indefinite retention at the School.

When the School Troops training detachments were organized in February 1945, it was necessary to replace all men qualified for duty overseas with other men not so qualified. Several thousand replacements were received and they had to be screened to determine their fitness for duty with School Troops. Those found unfit, and the surplus remaining after all vacancies were filled, were reported for reassignment.

The shipping of men was so constant that an officer and several enlisted assistants were kept busy on the details incident to their departure and transportation. Teletype requests for reports on availability of men in special categories were received daily. These reports required the screening of thousands of personnel records, and oftentimes the interviewing of the men concerned.

War Department letter AGMP-M 210.31(5 Mar 45), dated 12 March 1945, subject: Oversea Service for Male Officers and Enlisted Men, prescribed that physically qualified male military operating personnel without previous overseas service since 7 December 1941 would be released for overseas service as qualified replacements for them became available. Further, that all operating jobs in zone of interior establishments would be filled by returnees, civilians, personnel physically disqualified for overseas service, and female personnel, as rapidly as practicable.

The School personnel most affected by this directive were instructors of long experience and a high degree of skill in their specialties. Almost never were their replacements capable of taking over their jobs immediately. Take the hypothetical case of a man assigned to the Department of Materiel who had been instructing in the Enlisted Artillery Mechanic Course for a year or more. He is eligible for oversea assignment and an oversea returnee is selected as his replacement. Even though the new man may have served as an artillery mechanic with a field artillery battalion in combat, he still would not be familiar with the course in which he is expected to be expert. He may be an excellent mechanic but possess no native ability or experience as an instructor, and he very probably is not familiar with the latest practices in the care and maintenance of materiel as taught in the course. All of his service may have been with the 75-mm gun and the 105-mm howitzer, and now he must take over the job of instructing on the 240-mm howitzer and the 8-inch gun, as no replacement is in sight with experience on these weapons. First, this man must take the course, which consumes eight weeks. Then he must put in some time observing an experienced instructor; then some more time as an assistant instructor. In fact, it would be a fortunate situation if he could take over the job unaided short of four months from the date he reported for duty. Some required six months.

Everyone at the School, from the Commandant on down, recognized the necessity for the procedure prescribed in the above-cited directive, and wholeheartedly did everything possible to make it work. The example is cited merely in an attempt to portray the situation as it existed.

During the spring of 1945 there was a big influx of noncommissioned officers of the first three grades, most of them redeployed from overseas. This created a stalemate so far as promotions were concerned, since the surplus eliminated any possibility of position vacancies for quite a long time. Consequently, highly-skilled instructors of Grade V or VI were teaching classes which included students of the first three grades. But of course this condition existed in some degree throughout the war.

#### Civilian Personnel

The number of civilians employed by the School prior to World War II emergency period was very small. In January 1941 only ten civil service employees were on the payroll. However, as the School grew in size, the number of civilians increased proportionately. In December 1941 there were 127; in March 1942, 185; and in July 1942, 380.

Every effort was made to utilize civilians to the greatest possible extent in order to release military personnel for strictly military duties. Still some positions were filled by military personnel which could have been handled by civilians had they been available. A large proportion of the stenographic and clerical positions were filled by dependents of military personnel stationed at Fort Sill, although the turnover in this group was rather rapid.

Both male and female civilians were employed. The following figures are typical:

<u>Date</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
30 Jun 44	184	162	346
31 Jan 45	146	143	289

While most of the women were employed in clerical and secretarial capacities, the men filled a variety of jobs. Examples (1 February 1945):

Reproduction Plant	5
Supply	8
Training Aids Shops	8
Janitors	99
Flight Instructors (Air Training)	15

After 1 July 1942 hiring was done under war civil service regulations, i. e., appointments were temporary. This work was facilitated by the fact that the Civil Service Commission maintained both a regional and a local office on the Post. Examinations were given almost weekly in Lawton.

Civilian flight instructors had been employed from the beginning without reference to civil service, and they were paid from non-appropriated funds. However, during the summer of 1944 the Civil Service Commission in Washington took cognizance of this situation, after receiving several complaints regarding pay from former employees. Consequently, the jobs of flight instructor and maintenance instructor in the Department of Air Training were surveyed, job descriptions prepared, and classifications assigned.

#### WAC Detachment

A detachment of the Women's Army Auxiliary Corps, with an "enlisted" strength of 151, was assigned to the Field Artillery School 10 April 1943. The unit was redesignated Women's Army Corps Detachment in August 1943.

During most of the life of this detachment, three administrative officers were authorized (sometimes only two). Additional WAC officers performed operational duties in the various departments and staff sections of the School. As many as seven WAC officers were present at one time.

Except for the necessary overhead personnel of the detachment, the enlisted women performed various duties in the School, thus relieving an equal number of enlisted men for other duties.

The authorized enlisted strength of the detachment remained at 151 most of the time, although it was raised to 158 for a brief period (February to May, 1945). In May 1945 the authorized strength was reduced to 100.

The Women's Army Corps Detachment, Field Artillery School, was discontinued 30 April 1946 (Gen. Orders 11, Field Artillery School, 30 April 1946).

## SECTION VI

### SCHOOL TROOPS

During the war period a great number of field artillery units served the School as school troops, some actually designated as such and others functioning in that capacity while temporarily attached to the Field Artillery School.

On 18 April 1940 the 18th Field Artillery (regiment) was officially designated as school troops by the War Department. A third battalion of this regiment was organized 27 May 1940, and about this time the 2d Battalion of the 18th was transferred to the 76th Field Artillery on the west coast. Another battalion was immediately organized to replace the battalion thus lost to the regiment.

The 1st Field Artillery and 1st Battalion, 77th Field Artillery, were then stationed at Fort Sill but were absent on maneuvers much of the time.

On 1 October 1940 the 1st, 51st, and 53d Field Artillery Battalions were formed from the 1st Field Artillery, and together with the 1st Battalion, 77th Field Artillery, were used as school troops. At this time, the 1st Battalion, 38th Infantry, was filling the infantry requirements for the School.

The 349th Field Artillery, a regular army regiment of colored troops, was activated at Fort Sill August 1940. They were armed with the 155-mm Gun GPF and were thus not usable as school troops. In 1942 the regiment was given smaller guns, and it functioned as school troops thereafter.

During the early part of the war, the field artillery of various divisions moved into Fort Sill for firing for thirty days at a time. Later on it was for more extended periods. These units assisted the regularly assigned school troops in fulfilling School requirements, particularly service practice.

The Field Artillery School troops were organized into a Groupment 15 July 1942, with Colonel Charles R. Doran in command. The Groupment was made up of the following units:

18th FA  
112th FA

349th FA  
 47th FA Bn  
 70th FA Bn  
 71st FA Bn  
 83d FA Bn  
 3d FA Obsn Bn  
 5th Obsn Sqdn (SP)  
 2d Bn, 47th QM Regt  
     Co D, 49th QM Regt  
     Co G, 49th QM Regt  
 601st Ord Co

The 170th Infantry Battalion was activated at Fort Sill 2 January 1943 and attached to the School as a unit of school troops.

On 19 January 1943 the Headquarters and Headquarters Battery, 17th Field Artillery Brigade, was activated, and all school troops units previously included in the Groupment were attached to it. The new Brigade Commander was Colonel Doran, who was promoted to Brigadier General 17 March 1943.

In common with the other field artillery regiments of the army, the field artillery regiments of school troops were redesignated as field artillery groups effective 1 March 1943. At the same time, the battalions of those regiments were appropriately redesignated.

The 285th Field Artillery Observation Battalion arrived at Fort Sill and was attached to the 17th Field Artillery Brigade 20 August 1943.

Headquarters and Headquarters Battery, 31st Field Artillery, was activated at Fort Sill 7 December 1943, with Brigadier General George H. Paine in command, and attached to the Field Artillery School (Gen. Orders No. 97, Field Artillery School, 7 December 1943). This was done in anticipation of the departure for overseas of the Headquarters and Headquarters Battery, 17th Field Artillery Brigade.

Effective 21 December 1943, the following school troop units were transferred from the 17th Field Artillery Brigade to the 31st Field Artillery Brigade (Gen. Orders No. 105, Field Artillery School, 18 December 1943):

Hq & Hq Btry, 401st FA Gp	Hq & Hq Btry, 349th FA Gp
259th FA Bn	349th FA Bn
261st FA Bn	686th FA Bn
262d FA Bn	578th FA Bn

242d FA Bn	Hq & Hq Btry, 422d FA Gp
Hq & Hq Btry, 193d FA Gp	241st FA Bn
193d FA Bn	691st FA Bn
688th FA Bn	692d FA Bn
945th FA Bn	208th FA Bn
342d Armd FA Bn	285th FA Obsn Bn
Hq & Hq Btry, 472d FA Gp	Truck Regiment, FAS
472d FA Bn	3536th QM Trk Co
694th FA Bn	3537th QM Trk Co
179th FA Bn	3538th QM Trk Co
167th Ord Bn (Am)	3539th QM Trk Co
572d Ord Am Co	3540th QM Trk Co
599th Ord Am Co	3553d QM Trk Co
620th Ord Am Co	3554th QM Trk Co
166th Inf Regt (less 2d Bn)	3555th QM Trk Co
601st FA Bn	

#### School Troops Reorganized

The manpower situation, particularly the need for overseas replacements, prompted Army Ground Forces in November 1944 to explore the possibility of replacing school troops table of organization units at service schools with permanently assigned training detachments, organized on a table of distribution basis. The School made a study of the proposal and submitted proposed tables of distribution based on school capacities to become effective 1 January 1945.

The proposed training detachments were to be composed of overseas returnees and other personnel not eligible for duty overseas. A large proportion of the personnel of the table of organization units comprising school troops were eligible for duty overseas and these men would thus be released for assignment as overseas replacements. (Army Ground Forces letter, 352/809(26 Nov 44) GNGCT-12, subject: Replacement of T/O Units by Training Detachments at School Troops.)

The plan was adopted and became effective in February 1945.

Most of the table of organization units attached to the Field Artillery School were inactivated and their personnel transferred to the new training detachments. Subsequently, the men eligible for duty overseas were transferred for such duty, and the vacancies thus created were filled by men from various sources who were not eligible for duty overseas.

Each of the field artillery training detachments was equipped with two or more types of artillery weapons, and the personnel were trained to serve several different types. The training detachments were similar to battalions, so far as organization was concerned, except that they had no service batteries. The normal service battery functions, as well as personnel administration, were centralized at School Troops Headquarters or at Field Artillery School Headquarters.

Unit training was unnecessary with the training detachments, thus eliminating an extra responsibility always confronting the table of organization units, and which was difficult to meet when School requirements were heavy.

In the following list, personnel of the inactivated units were transferred to the training detachments shown opposite their names:

<u>Inactivated</u>	<u>Organized</u>
<u>Effective 11 February 1945</u>	
	FA Tng Det No. 4 FA Motor Pool Det
<u>Effective 12 February 1945</u>	
Hq & Hq Btry, 31st FA Brig 518th FA Bn 566th FA Bn Btry A, 425th Armd FA Bn 3d Bn, 166th Inf Btry C, 611th FA Bn (Pack) 890th QM Truck Co	Hq & Hq Det, Sch Tps, FAS FA Tng Det No. 1 FA Tng Det No. 3 FA Tng Det No. 5 Inf Tng Det
<u>Effective 18 February 1945</u>	
626th FA Bn Hq & Hq Btry, 213th FA Gp	Range Detachment, FAS FA Tng Det No. 2 FA Obsn Tng Det

Some table of organization units not immediately required for duty overseas, or not yet ready for such duty, remained attached to School Troops and continued to fill School requirements as formerly.

CHAPTER TWO  
DESCRIPTION OF COURSES

BATTERY OFFICERS' COURSE  
AND  
OFFICERS' BASIC COURSE

Purpose: To train battery grade officers for duty with field artillery batteries and as battalion staff officers.

Scope: Field artillery tactics; administration; combat orders; maps and map substitutes; logistics; reconnaissance; staff duties; fire direction, observed and unobserved fire; firing battery; materiel; motor transport OR animal transport (students take one or the other, depending on the type of transport used by the unit to which assigned). By the summer of 1942, instruction in animal transport was discontinued in this course.

Prerequisites: Originally students were sent to the Battery Officers' Course from the corps areas, the four armies, and the armored force. The commanders of the armies and the armored force could select such a proportion of Regular, National Guard, and Reserve (except Thomason Act) officers as they thought best. Corps area commanders could select and order to active duty for 12 consecutive months Reserve Officers in the grade of captain with not more than four years service in grade. If necessary to fill quotas, senior first lieutenants could be selected. By October 1940, it was necessary to include second lieutenants to fill the quotas.

With the declaration of war in December 1941, students were drawn from captains and lieutenants of all components already on active duty, and who had not graduated from the Officer Candidate Course.

Comments: One mission of the Battery Officers' Course during the early months was to train battery commanders for replacement training centers.

Class No. 114, Officers' Basic Course, beginning 1 July 1943, was made up entirely of United States Military Academy graduates, Class of 1943.

The Officers' Basic Course actually terminated with the graduation of Class No. 124 on 27 May 1944. However, the special courses conducted for USMA graduates in 1944 and 1945 were designated as Class No. 125 and Class No. 126 respectively of Officers' Basic Course. (See "Basic Course for New Regular Officers.")

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 86 (BOC)	15 Aug 40--10 Mar 43	12 weeks
No. 87 to No. 114 (OBC)	24 Dec 42--22 Sep 43	12 weeks
No. 115 to No. 124 (OBC)	2 Jul 43--27 May 44	17 weeks
No. 125 (OBC)	10 Jul 44--30 Sep 44	12 weeks
No. 126 (OBC)	9 Jul 45-- 1 Sep 45	8 weeks

#### Battery Officers' Course

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	15 Aug 40--6 Nov 40	101	94	94	6	6
2	12 Sep 40--4 Dec 40	102	98	192	4	10
3	10 Oct 40--8 Jan 41	93	100	292	0	10
4	7 Nov 40--5 Feb 41	100	91	383	7	17
5	5 Dec 40--5 Mar 41	201	181	564	15	32
6	2 Jan 41--26 Mar 41	214	202	766	16	48
7	6 Feb 41--30 Apr 41	223	201	967	14	62
8	6 Mar 41--28 May 41	243	216	1183	16	78
9	3 Apr 41--25 Jun 41	235	215	1398	15	93
10	1 May 41--23 Jul 41	224	213	1611	6	99
11	29 May 41--19 Aug 41	227	204	1815	25	124
12	26 Jun 41--15 Sep 41	55	53	1868	0	124
13	3 Jul 41--22 Sep 41	60	56	1924	1	125
14	10 Jul 41--1 Oct 41	56	54	1978	2	127
15	17 Jul 41--6 Oct 41	57	53	2031	2	129
16	24 Jul 41--13 Oct 41	57	52	2083	4	130
17	31 Jul 41--20 Oct 41	58	53	2136	2	135
18	14 Aug 41--3 Nov 41	57	53	2189	4	139
19	21 Aug 41--10 Nov 41	52	47	2236	0	139
20	28 Aug 41--17 Nov 41	58	52	2288	3	142
21	4 Sep 41--24 Nov 41	57	53	2341	4	146
22	11 Sep 41--1 Dec 41	59	59	2400	1	147
23	18 Sep 41--8 Dec 41	58	55	2455	2	149
24	25 Sep 41--15 Dec 41	59	51	2506	5	154

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
25	2 Oct 41--20 Dec 41	57	53	2559	2	56
26	9 Oct 41--5 Jan 42	58	52	2611	7	163
27	16 Oct 41--12 Jan 42	60	55	2666	4	167
28	23 Oct 41--19 Jan 42	60	47	2713	7	174
29	30 Oct 41--26 Jan 42	57	50	2763	5	179
30	6 Nov 41-- 2 Feb 42	57	45	2808	4	183
31	13 Nov 41-- 9 Feb 42	55	45	2853	5	188
32	20 Nov 41--16 Feb 42	55	47	2900	1	189
33	27 Nov 41--23 Feb 42	60	46	2946	4	193
34	4 Dec 41-- 2 Mar 42	59	50	2996	5	198
35	11 Dec 41-- 9 Mar 42	60	50	3046	6	204
36	18 Dec 41--16 Mar 42	59	56	3102	0	204
37	1 Jan 42--23 Mar 42	57	52	3154	1	205
38	8 Jan 42--30 Mar 42	58	55	3209	1	206
39	15 Jan 42-- 6 Apr 42	58	56	3265	2	208
40	22 Jan 42--13 Apr 42	59	48	3313	6	214
41	29 Jan 42--20 Apr 42	58	49	3362	3	217
42	5 Feb 42--27 Apr 42	60	59	3421	2	219
43	12 Feb 42-- 4 May 42	61	61	3482	5	224
44	19 Feb 42--11 May 42	60	53	3535	3	227
45	26 Feb 42--18 May 42	57	54	3589	0	227
46	5 Mar 42--25 May 42	61	57	3646	3	230
47	12 Mar 42-- 1 Jun 42	58	58	3704	1	231
48	19 Mar 42-- 8 Jun 42	57	56	3760	0	231
49	26 Mar 42--15 Jun 42	59	60	3820	0	231
50	2 Apr 42--22 Jun 42	60	54	3874	1	232
51	9 Apr 42--29 Jun 42	60	58	3932	1	233
52	16 Apr 42-- 6 Jul 42	60	55	3987	2	235
53	23 Apr 42--13 Jul 42	61	54	4041	2	237
54	30 Apr 42--20 Jul 42	62	52	4093	0	237
55	7 May 42--27 Jul 42	60	64	4157	0	237
56	14 May 42-- 3 Aug 42	57	57	4214	3	240
57	21 May 42--10 Aug 42	59	50	4264	0	240
58	28 May 42--17 Aug 42	60	48	4312	3	243
59	4 Jun 42--26 Aug 42	62	60	4372	1	244
60	11 Jun 42-- 2 Sep 42	60	54	4426	0	244
61	25 Jun 42--16 Sep 42	59	62	4488	1	245
62	2 Jul 42--23 Sep 42	60	49	4537	0	245
63	9 Jul 42--30 Sep 42	60	62	4599	0	245
64	16 Jul 42-- 7 Oct 42	61	58	4657	0	245
65	23 Jul 42--14 Oct 42	61	64	4721	2	247
66	30 Jul 42--21 Oct 42	61	63	4784	1	248
67	6 Aug 42--28 Oct 42	60	56	4840	0	248

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
68	13 Aug 42-- 4 Nov 42	64	57	4897	0	248
69	20 Aug 42--11 Nov 42	61	58	4955	2	250
70	27 Aug 42--18 Nov 42	160	152	5107	0	250
71	3 Sep 42--25 Nov 42	84	86	5193	0	250
72	10 Sep 42-- 2 Dec 42	59	56	5249	0	250
73	17 Sep 42-- 9 Dec 42	69	58	5307	0	250
74	24 Sep 42--16 Dec 42	168	153	5460	1	251
75	1 Oct 42--23 Dec 42	71	64	5524	0	251
76	8 Oct 42--30 Dec 42	89	89	5613	0	251
77	15 Oct 42-- 6 Jan 43	56	66	5679	0	251
78	22 Oct 42--13 Jan 43	188	182	5861	0	251
79	29 Oct 42--20 Jan 43	91	84	5945	1	252
80	5 Nov 42--27 Jan 43	72	79	6024	0	252
81	12 Nov 42-- 3 Feb 43	63	60	6084	2	254
82	19 Nov 42--10 Feb 43	123	111	6195	0	254
83	26 Nov 42--17 Feb 43	122	120	6315	0	254
84	3 Dec 42--24 Feb 43	70	60	6375	0	254
85	10 Dec 42-- 3 Mar 43	118	110	6485	0	254
86	17 Dec 42--10 Mar 43	110	111	6596	1	255

Officers' Basic Course

87	24 Dec 42--17 Mar 43	64	64	6660	0	255
88	31 Dec 42--24 Mar 43	69	72	6732	0	255
89	7 Jan 43--31 Mar 43	61	66	6798	2	257
90	14 Jan 43-- 7 Apr 43	58	53	6851	0	257
91	21 Jan 43--14 Apr 43	57	43	6894	0	257
92	28 Jan 43--21 Apr 43	50	56	6950	0	257
93	4 Feb 43--28 Apr 43	60	74	7024	2	259
94	11 Feb 43-- 5 May 43	66	69	7093	1	260
95	18 Feb 43--12 May 43	69	62	7155	0	260
96	25 Feb 43--19 May 43	129	118	7273	1	261
97	4 Mar 43--26 May 43	146	128	7401	2	263
98	11 Mar 43-- 2 Jun 43	148	138	7530	2	265
99	18 Mar 43-- 9 Jun 43	49	55	7504	1	266
100	25 Mar 43--16 Jun 43	71	80	7674	0	266
101	1 Apr 43--23 Jun 43	51	48	7722	0	266
102	8 Apr 43--30 Jun 43	41	38	7760	5	271
103	15 Apr 43-- 7 Jul 43	36	35	7795	1	272
104	22 Apr 43--14 Jul 43	48	47	7842	2	274
105	29 Apr 43--21 Jul 43	58	55	7897	5	279
106	6 May 43--28 Jul 43	54	51	7948	0	279
107	13 May 43-- 4 Aug 43	40	38	7986	1	280

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
108	20 May 43--11 Aug 43	48	42	8028	6	286
109	27 May 43--18 Aug 43	42	43	8071	1	287
110	3 Jun 43--25 Aug 43	46	37	8108	5	292
111	10 Jun 43-- 1 Sep 43	39	38	8146	5	297
112	17 Jun 43-- 8 Sep 43	32	30	8176	1	298
113	24 Jun 43--15 Sep 43	41	35	8211	3	301
114	1 Jul 43--22 Sep 43	56	53	8264	0	301
115	2 Jul 43--28 Oct 43	23	13	8277	6	307
116	9 Jul 43-- 4 Nov 43	26	17	8294	5	312
117	16 Jul 43--11 Nov 43	32	32	8326	2	314
118	23 Jul 43--18 Nov 43	40	35	8361	0	314
119	30 Jul 43--25 Nov 43	34	28	8389	2	316
120	6 Aug 43-- 2 Dec 43	34	22	8411	6	322
121	13 Aug 43--9 Dec 43	41	39	8450	1	323
122	20 Aug 43--16 Dec 43	31	25	8475	4	327
123	27 Aug 43--23 Dec 43	66	60	8535	3	330
124	31 Jan 44--27 May 44	23	34	8569	1	331
125	10 Jul 44--30 Sep 44	66	66	8635	0	331
126	9 Jul 45-- 1 Sep 45	96	96	8731	0	331

Note: Classes No. 114, 125 and 126 were composed of members of USMA graduating classes. (See description of Basic Course for New Regular Officers.)

## OFFICERS' SPECIAL BASIC COURSE

Purpose: To give field artillery training to officers of other branches who are being converted to field artillery and for field artillery officers who have not attended a general course at the Field Artillery School.

Scope: Includes instruction in maintenance and inspection of motor vehicles; field artillery communication systems; characteristics, use and maintenance of communication equipment; care and maintenance of field artillery weapons; ammunition; firing battery; conduct of observed fires, unobserved fires; fire direction technique; map and air photograph reading; battery and battalion RSOP's; observation and liaison; tactical employment of artillery.

Prerequisites: (1) Field artillery officers of any grade who have not graduated from Officer Candidate Course or Officers' Basic Course at the Field Artillery School. (2) Officers of all grades whose basic arm is other than field artillery and who are being converted.

Comments: Classes No. 51 and No. 52 were cancelled because of scheduling of Officers' Basic Course, Class No. 126 (USMA graduates). Instructors and facilities were not available to run both classes at the same time.

This course replaced the Officers' Basic Course of seventeen weeks duration. It was believed that there was no further need for the latter course, since nearly all battery grade officers who had not had the course were graduates of the Officer Candidate Course, which followed practically the same curriculum, with administrative and elementary subjects added.

FAS recommended that OSBC be a 12 weeks course, but higher headquarters decreed that it be no longer than 8 weeks. However, before Class No. 1 had completed 8 weeks, an additional 2 weeks was authorized in order to include adequate instruction in map reading, as required by Circular No. 160, WD 1944. The established duration of the course thus became 10 weeks.

The original primary purpose of the course was the indoctrination of officers being converted from other arms to field artillery. The principal source was AAA, since many officers became surplus in that arm when the allied forces attained domination of the air in the ETO. However, shortly after the course was inaugurated, the War Department started returning to duty with the field artillery officers whose service in this war had been exclusively with other branches.

principally administrative in nature. Consequently, a large percentage of the students in this course were in this category.

<u>Classes</u>		<u>Dates</u>	<u>Duration</u>			
No. 1 to No. 60		13 Mar 44--4 Jan 46	10 weeks			
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	13 Mar 44--20 May 44	30	22	22	3	3
2	20 Mar 44--27 May 44	20	18	40	0	3
3	27 Mar 44-- 3 Jun 44	23	20	60	2	5
4	3 Apr 44--10 Jun 44	17	14	74	2	7
5	10 Apr 44--17 Jun 44	24	22	96	1	8
6	17 Apr 44--24 Jun 44	19	16	112	1	9
7	24 Apr 44-- 1 Jul 44	19	16	128	1	10
8	1 May 44-- 8 Jul 44	28	26	154	1	11
9	8 May 44--15 Jul 44	26	30	184	0	11
10	15 May 44--22 Jul 44	25	21	205	1	12
11	22 May 44--29 Jul 44	26	20	225	1	13
12	29 May 44-- 5 Aug 44	10	11	236	0	13
13	5 Jun 44--12 Aug 44	26	26	262	1	14
14	12 Jun 44--19 Aug 44	26	25	287	0	14
15	19 Jun 44--26 Aug 44	20	13	300	0	14
16	26 Jun 44-- 2 Sep 44	22	21	321	0	14
17	3 Jul 44-- 9 Sep 44	43	42	363	1	15
18	10 Jul 44--16 Sep 44	29	25	388	0	15
19	17 Jul 44--23 Sep 44	28	19	407	2	17
20	24 Jul 44--30 Sep 44	18	13	420	0	17
21	31 Jul 44-- 7 Oct 44	30	17	437	0	17
22	7 Aug 44--14 Oct 44	15	15	452	1	18
23	Cancelled					
24	Cancelled					
25	28 Aug 44-- 4 Nov 44	30	28	480	3	21
26	4 Sep 44--11 Nov 44	32	21	501	0	21
27	11 Sep 44--18 Nov 44	25	27	528	0	21
28	18 Sep 44--25 Nov 44	29	24	552	0	21
29	25 Sep 44-- 2 Dec 44	30	30	582	0	21
30	2 Oct 44-- 9 Dec 44	31	22	604	1	22
31	9 Oct 44--16 Dec 44	28	22	626	0	22
32	16 Oct 44--23 Dec 44	22	16	642	0	22
33	23 Oct 44--30 Dec 44	16	15	657	0	22
34	30 Oct 44-- 6 Jan 45	16	12	669	1	23
35	13 Nov 44--20 Jan 45	30	27	696	0	23
36	27 Nov 44 - 3 Feb 45	20	16	712	2	25

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
37	11 Dec 44--17 Feb 45	11	16	728	0	25
38	25 Dec 44-- *					
39	8 Jan 45--17 Mar 45	15	23	751	3	28
40	22 Jan 45--31 Mar 45	21	15	766	0	28
41	5 Feb 45--14 Apr 45	37	23	789	1	29
42	19 Feb 45--28 Apr 45	42	42	831	0	29
43	5 Mar 45--12 May 45	21	15	846	1	30
44	19 Mar 45--26 May 45	25	20	866	2	32
45	2 Apr 45-- 9 Jun 45	26	22	888	1	33
46	16 Apr 45--23 Jun 45	17	16	904	2	35
47	30 Apr 45-- 7 Jul 45	28	26	930	0	35
48	14 May 45--21 Jul 45	37	33	963	4	39
49	28 May 45-- 4 Aug 45	22	20	983	1	40
50	Cancelled					
51	Cancelled					
52	Cancelled					
53	23 Jul 45--29 Sep 45	21	15	998	0	40
54	6 Aug 45--13 Oct 45	28	15	1013	1	41
55	20 Aug 45--27 Oct 45	22	9	1022	0	41
56	3 Sep 45-- **					
57	7 Sep 45--24 Nov 45	15	15	1037	0	41
58	Cancelled					
59	Cancelled					
60	29 Oct 45--11 Jan 46	12	14	1051	0	41

\* The 16 officers remaining in Class No. 38 on 29 Jan 45 were transferred to Class No. 39 on that date.

\*\* The 5 officers remaining in Class No. 56 on 8 Oct 45 were transferred to Class No. 57 on that date.

## BASIC COURSE FOR NEW REGULAR OFFICERS

Purpose: To provide basic field artillery training for the members of the United States Military Academy graduating class who receive commissions in field artillery and ROTC honor graduates who receive Regular Army commissions in field artillery.

Scope: Practically identical with Battery Officers' Course and Officers' Basic Course.

The program of instruction for the 1945 class was especially designed for an 8 weeks course and was somewhat different from that of the Officers' Basic Course, inasmuch as the latter course had not been conducted for about a year. Also, with the end of the fighting in Europe, the instruction was pointed toward the type of warfare in use against the Japanese.

Prerequisites: Course limited to members of USMA graduating class and ROTC honor graduates commissioned in field artillery.

Comments: A total of 43 ROTC honor graduates took this course\*: 1940 class, 12; 1941 class, 10; 1942 class, 21. One National Guard officer was enrolled in the 1942 class. All other students in this course were USMA graduates.

It was originally intended that the graduates of the 1945 class (OBC 126) be assigned for a period of 3 months to field artillery replacement training centers as instructors before being assigned to troop units. However, hostilities having ceased in all theatres by the time this class finished the course, they were ordered overseas immediately. Some went to Europe and some to the Pacific, with delay enroute to the port until 1 October 1945, except for 6 lieutenants, who volunteered for parachute training at The Parachute School, Fort Benning, Georgia.

Second Lieutenant Delano Edgell, a member of the 1940 USMA class, was killed in an automobile accident near Springfield, Ky., while enroute from Newport, N. H., to Fort Sill to enroll in the 1940 class of this course.

<u>Classes</u>	<u>Graduates</u>	<u>Dates</u>	<u>Duration</u>
1940	74	9 Aug 40 -- 31 Oct 40	12 weeks
1941	66	7 Aug 41 -- 28 Oct 41	12 weeks
1942	53	18 Jun 42 -- 9 Sep 42	12 weeks
1943 (OBC 114)	53	1 Jul 43 -- 22 Sep 43	12 weeks
1944 (OBC 125)	66	10 Jul 44 -- 30 Sep 44	12 weeks
1945 (OBC 126)	96	9 Jul 45 -- 1 Sep 45	8 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig. Err.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1940	9 Aug 40 -- 31 Oct 40	74	74	74	0	0
1941	7 Aug 41 -- 28 Oct 41	66	66	140	0	0
1942	18 Jun 42 -- 9 Sep 42	57	53	193	0	0

\* Also known as "Basic Course (West Point Graduates.)"

## FIELD OFFICERS' COURSE

Purpose: To provide advanced training in the tactics and technique of field artillery for field officers, with the objective of qualifying them for duty as battalion commanders and as battalion, division artillery, and corps artillery staff officers. Emphasis is placed on the tactics and technique of the field artillery battalion.

Scope: Conduct of service practice, emphasizing ricochet and time fire; unobserved fire, including survey, fire direction, corrections, air photos, prearranged fires, and metro data; tactics, including support of infantry in offensive action, displacement, advance guard action, defensive and retrograde action; non-divisional artillery; combat orders; artillery information and map reading; artillery staff duties and logistics; communication equipment, including capabilities, limitations, and uses of all communication facilities; sighting and laying equipment; artillery weapons; operation, maintenance, and inspection of field artillery motor vehicles.

Prerequisites: Open to field officers and senior captains.

Comments: This course was succeeded by the more comprehensive Officers' Advanced Course of 12 weeks duration. FOC was terminated with Class No. 12 and the first OAC class was given No. 13.

## OFFICERS' ADVANCED COURSE

Purpose: To qualify officers for duty as field artillery battalion commanders, and as battalion, group, division artillery, and corps artillery staff officers. Emphasis is placed on the tactics and technique of the field artillery battalion.

Scope: Includes instruction in sighting and laying equipment; ammunition; care, maintenance and inspection of artillery weapons; operation, maintenance, and inspection of motor vehicles; capabilities, limitations and uses of all communication equipment employed by field artillery; gunnery technique for field artillery, including conduct and critique of observed fire; preparation and delivery of unobserved fire; battalion, division artillery, and corps artillery fire direction; tactical employment of field artillery in support of other arms, including combined operations; forward observation; liaison with the supported unit;

operations of the infantry-artillery team.

Prerequisites: Officers will be in the grade of first lieutenant or higher. This course is especially planned for battery commanders and for commanders and staff officers of field artillery battalions, groups, and brigades, and division artillery.

Comments: This was a comprehensive course and proved to be very popular. The classes were filled to capacity (75 students) up until the last few classes, and the demand for quotas was so great that the capacity was exceeded in some instances.

In some of the service practice periods, the student officers rotated as battalion commander in directing the firing.

While first lieutenants were eligible to attend the course, only a small percentage of the students were below the grade of captain.

This course replaced the 8 weeks Field Officers' Course which ended with Class No. 12. The first class of the Officers' Advanced Course was designated as No. 13.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 12 (FOC)	10 Jul 41 -- 8 May 43	8 weeks
No. 13 to No. 55 (OAC)	12 Apr 43 -- 24 Feb 45	12 weeks

Field Officers' Course

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	10 Jul 41 -- 3 Sep 41	30	30	30	0	0
2	11 Sep 41 -- 4 Nov 41	36	32	62	4	4
3	6 Nov 41 -- 6 Jan 42	59	55	117	4	8
4	8 Jan 42 -- 3 Mar 42	58	53	170	4	12
5	5 Mar 42 -- 28 Apr 42	70	66	236	2	14
6	30 Apr 42 -- 23 Jun 42	73	68	304	4	18
7	25 Jun 42 -- 18 Aug 42	68	64	368	1	19
8	20 Aug 42 -- 13 Oct 42	73	58	426	4	23
9	15 Oct 42 -- 9 Dec 42	69	76	502	1	24
10	10 Dec 42 -- 3 Feb 43	85	82	584	0	24
11	15 Feb 43 -- 10 Apr 43	77	75	659	0	24
12	15 Mar 43 -- 8 May 43	78	75	734	2	26

Officers' Advanced Course

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
13	12 Apr 43-- 3 Jul 43	85	79	813	1	27
14	10 May 43--30 Jul 43	76	72	885	0	27
15	24 May 43 --14 Aug 43	77	69	954	5	32
16	7 Jun 43- 28 Aug 43	75	70	1024	4	36
17	21 Jun 43--11 Sep 43	73	70	1094	2	38
18	5 Jul 43--25 Sep 43	87	84	1178	2	40
19	19 Jul 43-- 9 Oct 43	79	73	1251	0	40
20	2 Aug 43--23 Oct 43	70	60	1311	4	44
21	16 Aug 43-- 6 Nov 43	66	55	1366	6	50
22	30 Aug 43--20 Nov 43	71	60	1426	5	55
23	13 Sep 43-- 4 Dec 43	78	71	1497	3	58
24	27 Sep 43--18 Dec 43	76	73	1570	1	59
25	11 Oct 43-- 1 Jan 44	74	65	1635	2	61
26	25 Oct 43--15 Jan 44	97	82	1717	0	61
27	8 Nov 43--29 Jan 44	88	75	1792	3	64
28	22 Nov 43--12 Feb 44	85	71	1836	2	66
29	6 Dec 43--26 Feb 44	80	58	1921	3	69
30	20 Dec 43--11 Mar 44	85	65	1986	2	71
31	3 Jan 44--25 Mar 44	85	66	2052	2	73
32	17 Jan 44-- 8 Apr 44	76	66	2118	4	77
33	31 Jan 44--22 Apr 44	87	73	2191	0	77
34	14 Feb 44-- 6 May 44	83	72	2263	1	78
35	28 Feb 44--20 May 44	75	66	2329	2	80
36	13 Mar 44-- 3 Jun 44	81	73	2402	2	82
37	27 Mar 44--17 Jun 44	77	63	2465	2	84
38	10 Apr 44-- 1 Jul 44	79	64	2529	0	84
39	24 Apr 44--15 Jul 44	77	57	2586	0	84
40	8 May 44--29 Jul 44	93	73	2659	3	87
41	22 May 44--12 Aug 44	85	75	2734	1	88
42	5 Jun 44--26 Aug 44	81	64	2798	3	91
43	19 Jun 44-- 9 Sep 44	82	63	2861	0	91
44	3 Jul 44-- 23 Sep 44	86	74	2935	1	92
45	17 Jul 44-- 7 Oct 44	82	54	2989	0	92
46	31 Jul 44--21 Oct 44	85	66	3055	1	93
47	14 Aug 44-- 4 Nov 44	79	58	3113	3	96
48	28 Aug 44--18 Nov 44	65	42	3155	1	97
49	11 Sep 44-- 2 Dec 44	75	50	3205	1	98
50	25 Sep 44--16 Dec 44	82	43	3248	1	99
51	9 Oct 44--30 Dec 44	56	38	3286	5	104
52	23 Oct 44--13 Jan 45	50	33	3319	1	105
53	6 Nov 44- 27 Jan 45	49	39	3358	0	105
54	20 Nov 44--10 Feb 45	55	42	3400	1	106
55	4 Dec 44--24 Feb 45	75	70	3470	7	113

## ADVANCED COURSE

Purpose: To train field artillery officers for duty with the higher echelons of command.

Scope: Comprehensive review of current developments, doctrine and methods involving artillery tactics, gunnery, motor transport and weapons. Includes employment of large masses of artillery with the division, corps and army; use of maps and air photos; planning of artillery movements; use of air observation; communication systems; survey methods for locating own battery and enemy targets; fire direction technique for controlling fire of several batteries or battalions; acquaintance with construction, operation, maintenance and inspection of artillery motor vehicles.

	<u>No. of Hours</u>
Current BOC subjects as a refresher -	120
Map problems and terrain exercises -	210
Individual studies on assigned subjects -	80
Committee studies -	70
Total	<u>480</u>

Prerequisites: Field artillery officers of all components, not below the grade of captain.

Comments: This course\* was discontinued at the end of the fifth class, since it was not serving its intended purpose. The officers being sent to the course did not have the field artillery background anticipated by the curriculum. Furthermore, of the students in classes 2-5 inclusive, 60 per cent were from the National Guard. Under existing regulations they could not be given assignments in higher echelons but had to be returned to their units. It is quite possible that many of these officers were later benefited by the course when those regulations were relaxed.

\*Note: Not to be confused with the Officers' Advanced Course which started 12 April 1943.

<u>Courses</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 5	14 Nov 40--21 Feb 42	12 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	14 Nov 40-- 5 Feb 41	20	19	19	1	1
2	26 Feb 41--21 May 41	42	41	60	1	2
3	28 May 41--19 Aug 41	31	30	90	1	3
4	27 Aug 41--18 Nov 41	29	21	111	0	3
5	20 Nov 41--21 Feb 42	21	15	126	2	5

## OFFICERS' REFRESHER COURSE

Purpose: To give broad refresher training to field artillery officers.

Scope: Includes instruction in sighting and laying equipment; maintenance, operation and functioning of field artillery weapons; ammunition; mines and booby traps; operation, inspection and maintenance of motor vehicles; field artillery communication systems; capabilities, limitations, use and maintenance of communication equipment employed by field artillery; conduct of observed fires; fire direction technique; preparation and delivery of unobserved fires; organization for combat; tactical employment of field artillery in support of other arms, including amphibious operations; staff duties; military intelligence; planning and coordination of division and corps artillery fires.

Prerequisites: Field artillery field grade officers, and captains who will have completed 6 months service in grade of captain prior to completion of course.

Comments: Class No. 11 was terminated at the end of the seventh week by authority of higher headquarters because of the suspension of all classes during the holiday period, 22 December 1945--1 January 1946, inclusive. Classes were held on the preceding four Saturdays to compensate, so that the class received the prescribed instruction for the course.

The 8 weeks course was inaugurated to replace the Officers' Advanced Course of 12 weeks duration. Enrollment in the latter started to decline with Class No. 51 (starting date 9 Oct 1944) due to several factors, including: (1) fewer units remaining in this country; (2) units preparing for and taking AGF firing tests.

This course supplied a need for refreshing field artillery senior captains and field grade officers who had a fairly good field artillery background but for some time had been serving with other branches or in administrative assignments. It also attracted officers who had previously completed the Officers' Basic Course or the FA Officer Candidate Course and who could not be spared from their units for the 12 weeks required for the Officers' Advanced Course.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 11	29 Jan 45--21 Dec 45	8 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	29 Jan 45--Mar 45	61	46	46	8	8
2	26 Feb 45--21 Apr 45	62	54	100	0	8
3	26 Mar 45--19 May 45	77	70	170	0	8
4	23 Apr 45--16 Jun 45	51	41	211	1	9
5	21 May 45--14 Jul 45	35	24	235	2	11
6	18 Jun 45--11 Aug 45	25	21	256	0	11
7	Cancelled					
8	13 Aug 45-- 6 Oct 45	35	30	286	0	11
9	10 Sep 45-- 2 Nov 45	27	17	303	0	11
10	8 Oct 45--30 Nov 45	19	15	318	0	11
11	5 Nov 45--21 Dec 45	28	28	346	0	11

## REFRESHER COURSE

Purpose To train Reserve Officers recently ordered to active duty.

Scope: Basic instruction in field artillery subjects, including Gunnery, Tactics, Communication, Materiel, Motors, and Administration. The class is divided into 4 sections, each section receiving instruction on different weapons. (1) 155-mm gun or 240-mm howitzer; (2) 75-mm gun, truck-drawn or 75-mm howitzer; (3) 155-mm howitzer; (4) 75-mm gun, horse-drawn or 75-mm pack howitzer.

Prerequisites: Field artillery reserve officers in grade of lieutenant.

Comments: Ninety-seven officers were enrolled in this course, which was established in accordance with the Chief of Field Artillery's 1939 Protective Mobilization Plan. Only 1 class was conducted, since it was found to be too brief for the purpose.

Note: This course should not be confused with the 8 weeks Officers' Refresher Course, which started 29 January 1945.

<u>Classes</u>		<u>Dates</u>			<u>Duration</u>	
No. 1 only		10 Jul 40-- 9 Aug 40			1 month	
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	10 Jul 40-- 9 Aug 40	97	97	97	0	0

## FIELD STAFF OFFICERS' SHORT COURSE

Purpose: To familiarize field grade and staff officers with the latest developments in materiel, tactics, and technique of field artillery as employed in the Pacific Theater.

Scope: Includes instruction in the organization and mission of corps and non-divisional artillery, corps SOPs, the planning of artillery fires, tank-infantry-artillery team, local security; amphibious operations; Japanese military organization and tactical doctrine; functions of artillery intelligence, use of maps and photos, and information and education (orientation); new communication equipment, security and procedure; characteristics and maintenance of motors; developments and maintenance of materiel; dodar and radar mortar location and the new metro message; fire direction technique, time fire and fire with VT fuze; employment of photos, time plot observed fire chart, corrections and barrages.

Prerequisites: Field artillery officers who have completed Officer Candidate Course or basic course in field artillery or its equivalent and who are of field grade or who have served on the staff of battalion or higher echelon.

Comments: The primary purpose of this course was to provide quick refresher training for officers of units being redeployed via the United States from the European and Mediterranean Theatres to the Pacific Theatre. Classes No. 1 and 2 were scheduled a little prematurely, and by the time Class No. 3 had ended, the fighting in the Pacific had ceased.

<u>Classes</u>		<u>Dates</u>		<u>Duration</u>		
No. 3 only		27 Aug 45-- 8 Sep 45		2 weeks		
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	Cancelled					
2	Cancelled					
3	27 Aug 45-- 8 Sep 45	5	5	5	0	0

## BATTERY OFFICERS' SHORT COURSE

Purpose: To familiarize battery grade officers with the latest developments in materiel, tactics, and technique of field artillery as employed in the Pacific Theatre.

Scope: Includes instruction in Japanese infiltration tactics, local security, Japanese military organization and tactical doctrine, target location, use of maps and photos, amphibious operations, and information and education (orientation); developments in communication equipment; communication procedure; preservation and maintenance of materiel in the Pacific Theater; care and maintenance of motors and vehicles; gunnery tactics for field artillery, including high-angle fire; time fire; fire with VT fuzes, radical line mosaics, and time plot observed fire chart.

Prerequisites: Battery grade field artillery officers who have completed OCS or basic courses in field artillery or equivalent.

Comments: This was one of the short courses established to provide quick orientation in combat practices peculiar to the Pacific Theatre. It was designed for field artillery officers being sent from Europe to the Pacific area. No students were available for the first two classes. Cessation of hostilities in the Pacific caused the course to be terminated with Class No. 4.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 & No. 2	Cancelled	
No. 3 & No. 4	27 Aug 45 -- 15 Sep 45	2 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	Cancelled					
2	Cancelled					
3	27 Aug 45 -- 8 Sep 45	6	6	6	0	0
4	3 Sep 45 -- 15 Sep 45	6	6	12	0	0

## NEW DIVISION OFFICERS' COURSE

Purpose: To cover the latest developments in tactics and technique of division artillery, and to weld into a team the division artillery commander, battalion commanders, and their respective staffs, including battery commanders, of the artillery of new divisions immediately prior to activation.

Scope: Each class is divided into two groups: (1) Command and Staff Group. Special emphasis is on planning and supervision of training, and the use of training aids. Most of the instructional time is devoted to tactics and gunnery with brief periods in communication, materiel, and motors. (2) Battery Commanders' Group. This course is designed to acquaint the battery commanders thoroughly with administration, care and maintenance of their organizational materiel and equipment, and to qualify them in methods of instruction and training and the use of training aids.

For some periods (e. g., service practice), all officers are assembled by divisions and instruction is conducted under supervision of the respective division artillery commanders.

Prerequisites: Officers are assigned to this course by higher headquarters. They are chosen from the artillery of divisions soon to be activated.

Comments: No permanent record of grades. Informal grades were recorded for the information of the respective division artillery commanders. This course gives the division artillery commander an opportunity to become acquainted with his officers and to determine tentative assignments for them before joining their units.

## NEW UNIT OFFICERS' COURSE

This was practically the same course as the New Division Officers' Course, except that officers of newly-activated field artillery groups and separate battalions were included. For the benefit of the latter officers, some instruction in the tactics and techniques of corps artillery was added to the curriculum. All

statements appearing under the heading "New Division Officers' Course" apply here, adding "field artillery group" to "division artillery" where appropriate.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 15 (NDOC)	26 Jan 42-- 3 Jul 43	4 weeks
No. 1 to No. 5 (NUOC)	27 Sep 43-- 8 Apr 44	4 weeks

New Division Officers' Course

<u>Class</u>	<u>Dates</u>	<u>Battery Commander Gp</u>		<u>Command &amp; Staff Gp</u>	
		<u>Enr.</u>	<u>Total</u>	<u>Enr.</u>	<u>Total</u>
1	26 Jan 42--21 Feb 42	72	72	40	40
2	14 Mar 42-- 9 Apr 42	42	114	26	66
3	11 Apr 42-- 7 May 42	62	176	40	106
4	12 May 42--10 Jun 42	83	259	54	160
5	15 Jun 42--11 Jul 42	86	345	50	210
6	13 Jul 42-- 8 Aug 42	107	452	59	269
7	10 Aug 42-- 5 Sep 42	58	510	48	317
8	7 Sep 42-- 3 Oct 42	79	589	68	385
9	5 Oct 42--31 Oct 42	42	631	36	421
10	11 Jan 43-- 6 Feb 43	93	724	119	540
11	8 Feb 43-- 6 Mar 43	100	824	95	635
12	8 Mar 43-- 3 Apr 43	63	887	61	696
13	5 Apr 43-- 1 May 43	43	930	46	742
14	10 May 43-- 5 Jun 43	69	999	79	821
15	7 Jun 43-- 3 Jul 43	77	1076	63	904

New Unit Officers' Course

1	27 Sep 43--23 Oct 43	42	1118	54	958
2	8 Nov 43-- 4 Dec 43	6	1124	21	979
3	12 Jan 44--12 Feb 44	47	1171	71	1050
4	14 Feb 44--11 Mar 44	47	1218	81	1131
5	13 Mar 44-- 8 Apr 44	85	1303	105	1236

## BATTERY EXECUTIVE COURSE

**Purpose:** To qualify officers for duties of executive in a field artillery battery.

**Scope:** Includes instruction in training of firing battery; delivery of fire; use of instruments; care and maintenance of materiel, including small arms and automatic weapons; field maneuvers, including firing, as well as reconnaissance, selection, and occupation of position.

**Prerequisites:** Officers selected to attend this course should be second lieutenants or junior first lieutenants within age-in-grade restrictions. It is desirable that students be graduates of the Officers' Basic Course or Officer Candidate Course at FAS.

**Comments:** On 7 August 1942 the Commanding General, Replacement and School Command, recommended to the Commanding General, Army Ground Forces, that a 5 weeks course for battery executives be inaugurated at the Field Artillery School, for the purpose of training battery executives for assignment to new divisions. This was not considered favorably by CG, AGF. However, such a course was conducted on a local basis in the fall of 1942 under the supervision of the Commanding Officer, School Troops. This was a hurriedly organized course of 4 weeks duration for 12 lieutenants from the 78th Infantry Division Artillery, Camp Butner, N. C. No record of this class was kept in the Academic Records unit of the Secretary's office, and no Certificates of Proficiency were issued. A record of grades may be found in the AG Files, File No. 352.11, Binder No. 1.

On 10 November 1942, CG AGF directed the inauguration of a Battery Executive Course of 4 weeks duration with a capacity of 36 students. A new class was to enter every 4 weeks. The students were to be drawn from the graduates of every fourth OCS class. It was intended that the graduates of this course be used in the cadres of new field artillery units.

The first class in this regularly authorized course started on 22 December 1942 with 36 graduates of Officer Candidate Course, Class No. 42, as students.

Effective with Class No. 2 (18 January 1943), the course capacity was increased to 60 students, with a class of 30 starting

every 2 weeks. Starting with Class No. 44 (21 August 1944), the capacity was increased to 120 with a class of 30 starting every week.

On 1 January 1945 the course capacity was reduced to 75 students, and commencing with Class No. 64 (15 January 1945), the schedule was changed back to a class starting every 2 weeks. This schedule more than met the requirements, for with the inception of Class No. 54 (30 October 1944), it became necessary to cancel a class occasionally for lack of students. These cancellations continued in 1945 in increasing proportion until the completion of Class No. 75 on 14 July 1945, when there was no further need for the course. Subsequent classes were scheduled, but no students were forthcoming.

On 1 March 1944 the course was revised and the schedule rearranged so that each student would receive materiel instruction on the weapon which his unit employed.

The Battery Executive Course was originally conducted under the supervision of the Commanding Officer, School Troops, Colonel Charles R. Doran, with the assistance and cooperation of the Directors of the Departments of Gunnery and Materiel. Effective 24 February 1944 the responsibility for the course was transferred to the Director of the Department of Materiel, who continued in charge until 7 May 1945, when it was again transferred, this time to the Director of the Department of Gunnery. He ran the course for the remainder of its life, which was actually for 2 classes only, No. 72 and No. 75.

During the life of the course, 1930 students were enrolled, 1767 graduated, and 65 failed.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 75	22 Dec 42--14 Jul 45	4 weeks

Class	Dates	Orig. Enr.	Graduates		Failures	
			No.	Total	No.	Total
1	22 Dec 42--16 Jan 43	36	35	35	0	0
2	18 Jan 43--13 Feb 43	42	41	76	1	1
3	1 Feb 43--27 Feb 43	30	28	104	1	2
4	15 Feb 43--13 Mar 43	32	32	136	0	2
5	1 Mar 43--27 Mar 43	30	30	166	0	2
6	15 Mar 43--10 Apr 43	30	29	195	0	2
7	29 Mar 43--24 Apr 43	30	29	224	2	4
8	12 Apr 43-- 8 May 43	30	29	253	1	5
9	26 Apr 43--22 May 43	30	28	281	2	7
10	10 May 43-- 5 Jun 43	30	30	311	0	7
11	24 May 43--19 Jun 43	30	30	341	0	7
12	7 Jun 43-- 3 Jul 43	30	25	366	4	11
13	21 Jun 43--17 Jul 43	30	24	390	6	17
14	5 Jul 43--31 Jul 43	30	27	417	3	20
15	19 Jul 43--14 Aug 43	30	30	447	0	20
16	2 Aug 43--28 Aug 43	30	23	470	6	26
17	16 Aug 43--11 Sep 43	29	23	493	7	33
18	30 Aug 43--25 Sep 43	29	29	522	0	33
19	13 Sep 43-- 9 Oct 43	30	24	546	6	39
20	27 Sep 43--23 Oct 43	32	29	575	0	39
21	11 Oct 43-- 6 Nov 43	32	29	604	1	40
22	25 Oct 43--20 Nov 43	34	29	633	4	44
23	8 Nov 43-- 4 Dec 43	31	30	663	0	44
24	22 Nov 43--18 Dec 43	32	30	693	1	45
25	6 Dec 43-- 1 Jan 44	31	28	721	1	46
26	20 Dec 43--15 Jan 44	32	31	752	1	47
27	3 Jan 44--29 Jan 44	27	23	775	2	49
28	17 Jan 44--12 Feb 44	29	26	801	3	52
29	31 Jan 44--26 Feb 44	28	28	829	1	53
30	14 Feb 44--11 Mar 44	30	29	858	0	53
31	28 Feb 44--25 Mar 44	27	25	883	0	53
32	13 Mar 44-- 8 Apr 44	31	25	908	0	53
33	27 Mar 44--22 Apr 44	34	20	936	0	53
34	10 Apr 44-- 6 May 44	31	24	960	0	53
35	24 Apr 44--20 May 44	35	35	995	0	53
36	8 May 44-- 3 Jun 44	33	32	1027	0	53
37	22 May 44--17 Jun 44	36	32	1059	0	53
38	5 Jun 44-- 1 Jul 44	37	37	1096	0	53
39	19 Jun 44--15 Jul 44	32	32	1128	0	53
40	3 Jul 44--29 Jul 44	32	30	1158	0	53
41	17 Jul 44--12 Aug 44	25	23	1181	0	53
42	31 Jul 44--26 Aug 44	27	25	1206	1	54
43	14 Aug 44-- 9 Sep 44	33	33	1239	0	54

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
44	21 Aug 44--16 Sep 44	28	26	1265	0	54
45	28 Aug 44--23 Sep 44	33	27	1292	2	56
46	4 Sep 44--30 Sep 44	33	33	1325	0	56
47	11 Sep 44-- 7 Oct 44	31	30	1355	0	56
48	18 Sep 44--14 Oct 44	36	32	1387	0	56
49	25 Sep 44--21 Oct 44	35	27	1414	0	56
50	2 Oct 44--28 Oct 44	25	26	1440	1	57
51	9 Oct 44-- 4 Nov 44	35	33	1473	0	57
52	16 Oct 44--11 Nov 44	24	21	1494	1	58
53	23 Oct 44--18 Nov 44	19	19	1512	0	58
54	30 Oct 44-- *					
55	6 Nov 44-- 2 Dec 44	44	43	1555	0	58
56	13 Nov 44-- 9 Dec 44	31	29	1584	2	60
57	20 Nov 44--16 Dec 44	34	33	1617	0	60
58	Cancelled					
59	4 Dec 44--30 Dec 44	32	28	1645	0	60
60	Cancelled					
61	18 Dec 44--13 Jan 45	26	26	1671	0	60
62	Cancelled					
63	Cancelled					
64	15 Jan 45--10 Feb 45	30	28	1699	3	63
65	Cancelled					
66	12 Feb 45--10 Mar 45	19	18	1717	0	63
67	Cancelled					
68	12 Mar 45-- 7 Apr 45	17	16	1733	0	63
69	Cancelled					
70	9 Apr 45-- 5 May 45	22	18	1751	0	63
71	Cancelled					
72	7 May 45-- 2 Jun 45	13	6	1757	2	65
73	Cancelled					
74	Cancelled					
75	18 Jun 45--14 Jul 45	24	10	1767	0	65

\* The 13 officers remaining in Class No. 54 on 2 Nov 44 were transferred to Class No. 55 on that date.

**OFFICER SPECIALIST COURSE (FIRE DIRECTION AND SURVEY)**

**Purpose:** Experimental, to develop the use of survey and fire direction in the massing of fires and to determine the feasibility of conducting such a course.

**Scope:** Battalion survey procedures; long and short base intersection; traverse, Y-azimuths, and coordinates; battalion fire direction technique.

**Prerequisites:** Members of class are selected from graduates of the Battery Officers' Course. Students for Class No. 1 were selected from graduates of BOC Class No. 7, and for Class No. 2 from graduates of BOC Class No. 8.

**Comments:** Much experimentation was done in these classes with fire direction technique and the massing of fires. Toward the latter part of the second class, a demonstration was held for the School to show the massing of fires of a field artillery battalion and the work of fire direction. A group of high ranking officers attended.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 and No. 2	30 Apr 41 -- 23 Jun 41	4 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates No.</u>	<u>Total</u>	<u>Failures No.</u>	<u>Total</u>
1	30 Apr 41 -- 26 May 41	10	10	10	0	0
2	27 May 41 -- 23 Jun 41	10	10	20	0	0

## OFFICERS' SURVEY COURSE

Purpose: To qualify officers for division artillery and battalion survey.

Scope Battalion and division artillery survey procedures; long and short base intersection; traverse, calculation of distances, Y-azimuths and coordinates; corrections; astronomical methods for orientation; use and adjustment of transit, aiming circle, steel tape, stadia rod, battery commander's telescope and altimeter; survey procedure with grid sheet, photo-map and battle map; battalion fire direction technique.

Prerequisites: Officers selected should be in grade of lieutenant, within age in-grade restrictions and possess an aptitude for survey work.

Comments: This course was an outgrowth of the Officer Specialist Course (Fire Direction and Survey), which ran from 30 April 1941 to 23 June 1941.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 97	11 Jan 43--21 Jul 45	4 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	11 Jan 43-- 6 Feb 43	28	27	27	2	2
2	8 Feb 43 - 6 Mar 43	24	28	55	0	2
3	15 Feb 43--13 Mar 43	29	22	77	2	4
4	22 Feb 43 20 Mar 43	24	23	100	1	5
5	1 Mar 43- 27 Mar 43	24	22	122	2	7
6	8 Mar 43-- 3 Apr 43	27	22	144	6	13
7	15 Mar 43--10 Apr 43	27	26	170	0	13
8	22 Mar 43--17 Apr 43	27	26	196	0	13
9	29 Mar 43--24 Apr 43	27	27	223	0	13
10	5 Apr 43-- 1 May 43	25	22	245	4	17
11	12 Apr 43-- 8 May 43	27	23	268	4	21
12	19 Apr 43-- 15 May 43	27	25	293	2	23
13	26 Apr 43--22 May 43	29	26	319	3	26
14	3 May 43 -29 May 43	27	27	346	0	26
15	10 May 43-- 5 Jun 43	50	45	391	4	30
16	17 May 43-- 12 Jun 43	52	44	435	7	37
17	24 May 43--19 Jun 43	51	45	480	5	42

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
18	31 May 43--26 Jun 43	51	46	526	4	46
19	7 Jun 43-- 3 Jul 43	54	44	570	8	54
20	14 Jun 43--10 Jul 43	50	37	607	14	68
21	21 Jun 43--17 Jul 43	51	38	645	11	79
22	28 Jun 43--24 Jul 43	53	40	685	13	92
23	5 Jul 43--31 Jul 43	55	48	733	8	100
24	12 Jul 43-- 7 Aug 43	52	45	778	6	106
25	19 Jul 43--14 Aug 43	49	47	825	3	109
26	26 Jul 43--21 Aug 43	47	44	869	2	111
27	2 Aug 43--28 Aug 43	56	50	919	5	116
28	9 Aug 43-- 4 Sep 43	50	44	963	6	122
29	16 Aug 43--11 Sep 43	52	53	1016	2	124
30	23 Aug 43--18 Sep 43	53	52	1068	0	124
31	30 Aug 43--25 Sep 43	52	48	1116	2	126
32	6 Sep 43-- 2 Oct 43	45	39	1156	5	131
33	13 Sep 43-- 9 Oct 43	51	42	1197	8	139
34	20 Sep 43--16 Oct 43	55	47	1244	8	147
35	27 Sep 43--23 Oct 43	47	44	1288	0	147
36	4 Oct 43--30 Oct 43	51	49	1337	2	149
37	11 Oct 43-- 6 Nov 43	54	52	1389	1	150
38	18 Oct 43--13 Nov 43	51	55	1444	1	151
39	25 Oct 43--20 Nov 43	54	49	1493	6	157
40	1 Nov 43--28 Nov 43	56	53	1546	3	160
41	8 Nov 43-- 4 Dec 43	54	46	1592	4	164
42	15 Nov 43--11 Dec 43	53	50	1642	3	167
43	22 Nov 43--18 Dec 43	58	55	1697	3	170
44	29 Nov 43--25 Dec 43	56	56	1753	0	170
45	6 Dec 43--1 Jan 44	53	45	1798	7	177
46	13 Dec 43-- 8 Jan 44	56	55	1853	2	179
47	20 Dec 43--15 Jan 44	47	46	1899	3	182
48	28 Dec 43--22 Jan 44	52	50	1949	3	185
49	3 Jan 44--29 Jan 44	50	46	1995	2	187
50	10 Jan 44-- 5 Feb 44	51	47	2042	0	187
51	17 Jan 44--12 Feb 44	51	53	2095	1	188
52	24 Jan 44--19 Feb 44	52	51	2146	1	189
53	31 Jan 44--26 Feb 44	47	44	2190	4	193
54	7 Feb 44-- 4 Mar 44	46	42	2232	3	196
55	14 Feb 44--11 Mar 44	50	51	2283	0	196
56	21 Feb 44--18 Mar 44	48	46	2329	1	197
57	28 Feb 44--25 Mar 44	55	49	2378	5	202
58	6 Mar 44- 1 Apr 44	48	46	2424	1	203
59	13 Mar 44-- 8 Apr 44	47	43	2467	4	207
60	27 Mar 44--22 Apr 44	44	43	2510	1	208
61	3 Apr 44--29 Apr 44	34	33	2543	0	208

Class	Dates	Orig.	Graduates		Failures	
		Enr.	No.	Total	No.	Total
62	10 Apr 44-- 6 May 44	47	48	2591	0	208
63	24 Apr 44--20 May 44	50	48	2639	1	209
64	1 May 44--27 May 44	48	48	2687	1	210
65	8 May 44-- 3 Jun 44	49	48	2735	1	211
66	22 May 44--17 Jun 44	48	45	2780	2	213
67	29 May 44--24 Jun 44	49	46	2826	3	216
68	5 Jun 44-- 1 Jul 44	49	47	2873	3	219
69	19 Jun 44--15 Jul 44	46	46	2919	0	219
70	26 Jun 44--22 Jul 44	46	45	2964	0	219
71	3 Jul 44--29 Jul 44	48	46	3010	2	221
72	17 Jul 44--12 Aug 44	47	45	3055	2	223
73	24 Jul 44--19 Aug 44	39	33	3088	3	226
74	31 Jul 44--26 Aug 44	51	44	3132	0	226
75	14 Aug 44-- 9 Sep 44	48	44	3176	1	227
76	21 Aug 44--16 Sep 44	46	41	3217	1	228
77	28 Aug 44--23 Sep 44	42	40	3257	4	232
78	11 Sep 44-- 7 Oct 44	44	45	3302	1	233
79	18 Sep 44--14 Oct 44	44	42	3344	1	234
80	25 Sep 44--21 Oct 44	33	29	3373	3	237
81	9 Oct 44-- 4 Nov 44	41	39	3412	1	238
82	16 Oct 44--11 Nov 44	43	42	3454	1	239
83	23 Oct 44--18 Nov 44	10	9	3463	0	239
84	6 Nov 44-- 2 Dec 44	36	32	3495	0	239
85	13 Nov 44-- 9 Dec 44	33	34	3529	0	239
86	Cancelled					
87	4 Dec 44--30 Dec 44	31	30	3559	0	239
88	11 Dec 44-- 6 Jan 45	39	37	3596	1	240
89	Cancelled					
90	Cancelled					
91	8 Jan 45-- 3 Feb 45	27	25	3621	1	241
92	5 Feb 45-- 3 Mar 45	14	13	3634	0	241
93	5 Mar 45--31 Mar 45	10	9	3643	0	241
94	Cancelled					
95	30 Apr 45--26 May 45	14	13	3656	0	241
96	Cancelled					
97	25 Jun 45-- *					

\* All students in Class No. 97 were relieved on 4 Jul 45.

## TANK DESTROYER OFFICERS' SPECIAL COURSE

Purpose: To train selected Tank Destroyer officers in field artillery procedures.

Scope: Emphasis on duties of the battery executive with familiarization instruction in survey, conduct of fire, fire direction, and use of the Graphical Firing Tables.

Prerequisites: Tank Destroyer officers selected by the Commanding General, Tank Destroyer Center, Camp Hood, Texas.

Comments: Grades were kept and Certificates of Proficiency issued.

<u>Classes</u>		<u>Dates</u>		<u>Duration</u>	
No. 1		23 Aug 43--	18 Sep 43	4 weeks	
No. 2		27 Sep 43--	30 Oct 43	5 weeks	

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	23 Aug 43--18 Sep 43	30	25	25	5	5
2	27 Sep 43--30 Oct 43	30	27	52	3	8

## ARTILLERY INTELLIGENCE COURSE

Purpose: To equip selected officers of FAS, including School Troops, to instruct in artillery intelligence. Also to develop a suitable program of instruction, as well as instructors, for the time when a regular course in this subject might be authorized.

Scope: Sketching and advanced map reading, with particular reference to the needs of the S-2; foreign equipment and methods, including psychology, tactical doctrine, defensive methods, and small unit employment of both the Germans and the Japanese; U. S. infantry doctrine and employment of small infantry units; communication for the S-2; observation; photointelligence, including stereovision and restitution; intelligence techniques, including scouting and patrolling, and shelling reports; duties of the artillery S-2; counterintelligence; field exercises.

Prerequisites: Attendance limited to selected officers of FAS, including School Troops.

Comments: Some instruction in artillery intelligence was included in all general courses for officers conducted at the School during the war. However, such instruction of necessity was limited to very few hours in any course and could not possibly be considered as qualifying an officer for duty as S-2 in a field artillery unit. In most units, it was necessary for the officer assigned to this position to become familiar with his duties as best he could, utilizing field manuals and possibly by serving as an Assistant S-2. Courses were offered by the Military Intelligence Training Center, Camp Ritchie, Maryland, which had to do mainly with the study of air photos to determine the capabilities of the enemy, including the movement and disposition of enemy large units and major installations. These courses did not meet the needs of the field artillery, and besides, insufficient quotas were available to train the artillery officers required for S-2 duty.

On 28 June 1944 the Commandant, Major General Orlando Ward, submitted to the Commanding General, Army Ground Forces, a proposal that a 5 weeks course in Field Artillery Intelligence be established at FAS for both officers and enlisted men. A complete program of instruction was attached. (See letter FAS, 352.11 Courses - GNRFI, subject: "Field Artillery Intelligence Training Course," dated 28 June 1944. AG Files, File No. 352.11, Binder No. 1). The Commanding General, Army Ground Forces, did not consider this proposal favorably, feeling that the courses offered at Camp Ritchie were adequate, and he directed that the hours devoted to this subject in the Officers' Advanced Course be increased to 44.

On 29 August 1944 the Commandant proposed the establishment of a 5 weeks course in Field Artillery Intelligence, the students to be drawn from officers of the Staff & Faculty and of School Troops only. This was approved and 2 classes were conducted as shown. \* (See letter, FAS, 352.11 Courses - GNRFI, subject: "Artillery Intelligence Training," dated 29 August 1944, and indorsements. AC Files, File No. 352.11, Binder No. 1).

On 28 November 1944 the Commandant again proposed the establishment of an authorized course in Field Artillery Intelligence, using as an argument the deficiencies in combat intelligence noted in Training Circular No. 54, War Department, 24 August 1944. However, the Commanding General, Army Ground Forces, still looked unfavorably upon the proposal. (See letter FAS, 352.11 Courses - GNRFI, subject: "Field Artillery Intelligence Training Course," dated 28 November 1944, and indorsements).

On 21 May 1945, Headquarters Army Ground Forces directed FAS to submit a tentative program of instruction for a 3 weeks course for artillery S-2s, to be conducted during the redeployment training period and stressing the use of air photos in the construction of firing charts and in target finding. Personnel to attend the course were to be battalion, group, division artillery, and corps artillery S-2s, primarily from units undergoing redeployment to the Pacific Theatre. FAS recommended that the duration of this course be 2 weeks, because courses running for an even number of weeks made for economy of school troops and range areas. When this recommendation was rejected by AGF, the School countered with a proposal that since the course was to run for 3 weeks, that a new class start every 4 weeks, which would have had the same effect so far as economy was concerned. However, the final decision prescribed a 3 weeks course, the first class to start on 1 September 1945, the second class on 22 September, and a new class each week thereafter. Actually, no students were available for the first class; the second class was run with 6 students; and all succeeding classes were cancelled, because the war ended in the Pacific. \*\*

Since this was not a regularly authorized course for general attendance, certificates were not issued.

The course was conducted under the direction of the S-2, FAS.

(See S-2 files for information not to be found in the AG files. Also files stored in Bldg T-674.)

\* See the Artillery Intelligence Course shown below.

\*\* See the Officers' Refresher Artillery Intelligence Course, p. 63.

Classes

No. 1  
No. 2

Dates

2 Oct 44--26 Oct 44  
11 Nov 44-- 7 Dec 44

Duration

3 1/2 weeks  
4 weeks

ClassDates

1 2 Oct 44--26 Oct 44  
2 11 Nov 44-- 7 Dec 44

Orig.  
Enr.Graduates  
No. TotalFailures  
No. Total

20 20  
16 36

0 0  
0 0

## OFFICERS' REFRESHER ARTILLERY INTELLIGENCE COURSE

**Purpose:** To train officers for duty with S-2 sections of corps artillery, division artillery, and field artillery groups and battalions. Emphasis is placed on target acquisition by means of aerial photos.

**Scope:** Includes instruction in photos and photo interpretation, transferring targets from photos to firing charts, the radial line plot and use of obliques; analysis of maps of the Pacific areas; Japanese tactics, military intelligence, duties of the S-2, counterbattery, and staff employment; communication systems, security, and voice radio procedure; employment of observation battalion, countermortar intelligence agencies; information and education (orientation); discussion.

**Prerequisites:** Officers will be artillery S-2s and Assistant S-2s of re-deployed units and of units now in the zone of interior.

**Comments:** The primary purpose of this course was to provide quick training in artillery intelligence for officers of units destined for service in the Pacific Theatre, particularly those being redeployed from the European and Mediterranean Theatres. No students were yet available for Class No. 1 and by the time Class No. 2 was terminated the fighting in the Pacific had ceased.

<u>Classes</u>		<u>Dates</u>		<u>Duration</u>		
No. 2 only		3 Sep 45--22 Sep 45		3 weeks		
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates No.</u>	<u>Total</u>	<u>Failures No.</u>	<u>Total</u>
1	Cancelled					
2	3 Sep 45--22 Sep 45	6	6	6	0	0

OFFICER SPECIALIST COURSE (MOTORS)

AND

OFFICERS' MOTOR COURSE

**Purpose:** To present to students the principles of maintenance and operation of military motor vehicles issued to the field artillery and to qualify officers for duties of battalion motor officer.

**Scope:** Covers instruction in construction, functioning, repair and operation of motor vehicles; army system of maintenance and preventive maintenance; training of drivers and mechanics; methods of marching and march control; and field expedients for operation over difficult and varied terrain.

**Prerequisites:** Officers and warrant officers who must have desire to attend course; be within age-in-grade restrictions; should have or expect to have duties in connection with operation or maintenance of motor transportation; minimum standard score of 100 on MAT; military motor vehicle operator's permit; efficiency rating of satisfactory or better; graduate of either Officers' Basic Course or Officer Candidate Course at service school is desirable but not mandatory.

**Comments:** See Comments under Enlisted Motor Course. (Students in this course and the Enlisted Motor Course received the same instruction.)

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 16 (OSCM)	1 Aug 40--29 Nov 42	12 weeks
No. 17 to No. 144 (OMC)	28 Sep 42--15 Feb 46	12 weeks

Officer Specialist Course (Motors)

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	1 Aug 40--23 Oct 40	20	20	20	0	0
1A	8 Oct 40-- 6 Jan 41	15	15	35	0	0
2	1 Nov 40--30 Jan 41	21	21	56	0	0
3	10 Feb 41-- 3 May 41	19	19	75	0	0
4	12 May 41-- 3 Aug 41	22	24	99	1	1
5	11 Aug 41--31 Oct 41	23	22	121	0	1
6	3 Nov 41--31 Jan 42	23	20	141	2	3
7	15 Dec 41--13 Mar 42	29	21	162	1	4
8	19 Jan 42--10 Apr 42	36	31	193	1	5
9	16 Feb 42-- 8 May 42	37	35	228	1	6
10	16 Mar 42-- 5 Jun 42	36	33	261	1	7
11	13 Apr 42-- 3 Jul 42	35	34	295	0	7
12	11 May 42-- 1 Aug 42	31	28	323	0	7
13	8 Jun 42--28 Aug 42	34	31	354	0	7
14	6 Jul 42--25 Sep 42	33	28	382	0	7
15	3 Aug 42--23 Oct 42	37	33	415	3	10
16	31 Aug 42--20 Nov 42	34	30	445	0	10

Officers' Motor Course

17	28 Sep 42--18 Dec 42	34	32	477	0	10
18	26 Oct 42--15 Jan 43	32	31	508	4	14
19	9 Nov 42--29 Jan 43	35	35	543	1	15
20	23 Nov 42--12 Feb 43	34	34	577	0	15
21	7 Dec 42--26 Feb 43	36	36	613	0	15
22	21 Dec 42--12 Mar 43	33	34	647	0	15
23	4 Jan 43--26 Mar 43	36	34	681	1	16
24	18 Jan 43-- 9 Apr 43	37	34	715	0	16
25	1 Feb 43--23 Apr 43	36	39	754	0	16
26	15 Feb 43-- 8 May 43	36	33	787	2	18
27	1 Mar 43--21 May 43	36	32	819	2	20
28	15 Mar 43-- 5 Jun 43	36	35	854	2	22
29	29 Mar 43--19 Jun 43	34	32	886	1	23
30	12 Apr 43-- 3 Jul 43	34	32	918	0	23
31	26 Apr 43--17 Jul 43	36	28	946	0	23
32	10 May 43--31 Jul 43	35	35	981	0	23
33	24 May 43--14 Aug 43	30	33	1014	0	23
34	7 Jun 43--28 Aug 43	31	30	1044	0	23
35	21 Jun 43--11 Sep 43	30	29	1073	0	23
36	5 Jul 43--25 Sep 43	30	31	1104	0	23
37	19 Jul 43-- 9 Oct 43	29	28	1132	1	24

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
38	2 Aug 43--23 Oct 43	29	29	1161	0	24
39	16 Aug 43-- 6 Nov 43	30	28	1189	0	24
40	23 Aug 43--13 Nov 43	14	14	1203	0	24
41	30 Aug 43--20 Nov 43	21	21	1224	0	24
42	6 Sep 43--27 Nov 43	15	12	1236	0	24
43	13 Sep 43-- 4 Dec 43	17	17	1253	0	24
44	20 Sep 43--11 Dec 43	15	15	1268	0	24
45	28 Sep 43--18 Dec 43	15	17	1285	0	24
46	4 Oct 43--25 Dec 43	17	18	1303	0	24
47	11 Oct 43-- 1 Jan 44	16	16	1319	0	24
48	18 Oct 43-- 8 Jan 44	13	11	1330	0	24
49	25 Oct 43--15 Jan 44	16	16	1346	0	24
50	1 Nov 43--22 Jan 44	13	16	1362	0	24
51	8 Nov 43--29 Jan 44	21	20	1382	0	24
52	15 Nov 43-- 5 Feb 44	15	15	1397	0	24
53	22 Nov 43--12 Feb 44	15	15	1412	0	24
54	29 Nov 43--19 Feb 44	13	14	1426	0	24
55	6 Dec 43--26 Feb 44	15	15	1441	0	24
56	13 Dec 43-- 4 Mar 44	15	16	1457	0	24
57	20 Dec 43--11 Mar 44	15	9	1466	0	24
58	27 Dec 43--18 Mar 44	15	18	1484	0	24
59	3 Jan 44--25 Mar 44	14	17	1501	0	24
60	10 Jan 44-- 1 Apr 44	15	14	1515	0	24
61	17 Jan 44-- 8 Apr 44	15	15	1530	0	24
62	24 Jan 44--15 Apr 44	14	15	1545	0	24
63	31 Jan 44--22 Apr 44	15	15	1560	0	24
64	7 Feb 44--29 Apr 44	15	13	1573	0	24
65	14 Feb 44-- 6 May 44	25	25	1598	0	24
66	21 Feb 44--13 May 44	15	16	1614	0	24
67	28 Feb 44--20 May 44	16	16	1630	0	24
68	6 Mar 44--27 May 44	17	18	1648	0	24
69	13 Mar 44-- 3 Jun 44	16	16	1664	0	24
70	20 Mar 44--10 Jun 44	15	15	1679	0	24
71	27 Mar 44--17 Jun 44	15	12	1691	0	24
72	3 Apr 44--24 Jun 44	17	17	1708	0	24
73	10 Apr 44-- 1 Jul 44	14	13	1721	0	24
74	17 Apr 44-- 8 Jul 44	13	14	1735	0	24
75	24 Apr 44--15 Jul 44	15	15	1750	0	24
76	1 May 44--22 Jul 44	16	15	1765	0	24
77	8 May 44--29 Jul 44	13	14	1779	0	24
78	15 May 44-- 5 Aug 44	15	16	1795	0	24
79	22 May 44--12 Aug 44	16	13	1808	0	24
80	29 May 44--19 Aug 44	15	16	1824	0	24

Class	Dates	Orig.	Graduates		Failures	
		Enr.	No.	Total	No.	Total
81	5 Jun 44--26 Aug 44	15	15	1839	0	24
82	12 Jun 44-- 2 Sep 44	16	14	1853	0	24
83	19 Jun 44-- 9 Sep 44	16	14	1867	0	24
84	26 Jun 44--16 Sep 44	19	16	1883	0	24
85	3 Jul 44--23 Sep 44	16	14	1897	0	24
86	10 Jul 44--30 Sep 44	18	18	1915	0	24
87	17 Jul 44-- 7 Oct 44	14	12	1927	0	24
88	24 Jul 44--14 Oct 44	13	13	1940	0	24
89	31 Jul 44--21 Oct 44	13	12	1952	0	24
90	7 Aug 44--28 Oct 44	15	14	1966	0	24
91	14 Aug 44-- 4 Nov 44	12	13	1979	0	24
92	21 Aug 44--11 Nov 44	13	13	1992	0	24
93	28 Aug 44--18 Nov 44	14	13	2005	0	24
94	4 Sep 44--25 Nov 44	15	11	2016	0	24
95	11 Sep 44-- 2 Dec 44	10	11	2027	0	24
96	18 Sep 44-- 9 Dec 44	12	10	2037	0	24
97	25 Sep 44--16 Dec 44	13	9	2046	0	24
98	2 Oct 44--23 Dec 44	12	8	2054	0	24
99	9 Oct 44--30 Dec 44	12	13	2067	0	24
100	16 Oct 44-- 6 Jan 45	16	13	2080	0	24
101	23 Oct 44--13 Jan 45	16	16	2096	0	24
102	30 Oct 44--20 Jan 45	5	5	2101	0	24
103	6 Nov 44--27 Jan 45	18	12	2113	0	24
104	13 Nov 44-- 3 Feb 45	15	16	2129	0	24
105	Cancelled					
106	27 Nov 44--17 Feb 45	20	17	2146	0	24
107	4 Dec 44--24 Feb 45	18	16	2162	0	24
108	11 Dec 44-- 3 Mar 45	10	8	2170	0	24
109	18 Dec 44--10 Mar 45	16	13	2183	0	24
110	25 Dec 44--17 Mar 45	12	11	2194	0	24
111	Cancelled					
112	8 Jan 45--31 Mar 45	7	9	2203	0	24
113	15 Jan 45-- 7 Apr 45	9	6	2209	0	24
114	22 Jan 45--14 Apr 45	6	7	2216	0	24
115	Cancelled					
116	5 Feb 45--28 Apr 45	7	8	2224	0	24
117	12 Feb 45-- 5 May 45	8	7	2231	0	24
118	Cancelled					
119	Cancelled					
120	5 Mar 45--26 May 45	11	7	2238	0	24
121	12 Mar 45-- 2 Jun 45	9	8	2246	0	24
122	Cancelled					
123	Cancelled					
124	Cancelled					
125	9 Apr 45--30 Jun 45	10	12	2258	0	24

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
126	Cancelled					
127	23 Apr 45--14 Jul 45	8	7	2265	0	24
128	Cancelled					
129	Cancelled					
130	14 May 45-- 4 Aug 45	11	5	2270	0	24
131	Cancelled					
132	28 May 45--18 Aug 45	8	7	2277	0	24
133	11 Jun 45-- 1 Sep 45	4	4	2281	0	24
134	25 Jun 45--15 Sep 45	12	4	2285	0	24
135	16 Jul 45-- 6 Oct 45	2	4	2289	0	24
136	Cancelled					
137	Cancelled					
138	27 Aug 45--17 Nov 45	9	4	2293	0	24
139	Cancelled					
140	24 Sep 45--14 Dec 45	3	3	2296	0	24
141	Cancelled					
142	22 Oct 45--18 Jan 46	4	5	2301	0	24
143	5 Nov 45-- 1 Feb 46	4	3	2304	0	24
144	19 Nov 45--15 Feb 46	9	20	2324	0	24

## ENLISTED SPECIALIST COURSE (MOTOR MECHANICS)

AND

## ENLISTED MOTOR COURSE

Purpose: To train enlisted men to perform first and second echelon maintenance on field artillery vehicles.

Scope: Construction, functioning, repair, operation, and maintenance of military motor vehicles used in the field artillery. Approximately one-half of the time in this course is devoted to maintenance and operations in the field, while the remainder of the time is given over to technical instruction in engines; fuel, electrical and power transmission systems; steering gears; springs; shock absorbers; and brakes.

Prerequisites: Enlisted man must have desire to attend course; grammar school education or its equivalent; minimum score of 90 on AGCT and MAT; minimum of one year experience as motor mechanic in civilian life or completion of motor mechanic course at post motor school is highly desirable.

Comments: Students in this course and the Officers' Motor Course received the same instruction and attended the same classes. However, class numbers did not coincide. For example, the students in Officers' Motor Course, Class No. 100, and those in Enlisted Motor Course, Class No. 102, entered on 16 October 1944, received the same instruction, attended classes together, and for all intents and purposes were members of the same class.

The class numbers in the 2 courses differed because no officers were enrolled until 3 weeks after the enlisted course started, and the intervals between classes differed for almost 3 years. However, both OMC Class No. 32 and EMC Class No. 34 entered on 10 May 1943, and this difference of 2 in the class numbering remained uniform thereafter.

Two classes of enlisted men only were conducted after Officers' Motor Course was terminated.

Students were drawn from field artillery units and also from the FARTC trainees who had received specialist training in the motor batteries.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 23 (ESCM)	10 Jul 40--26 Sep 42	12 weeks
No. 24 to No. 150	3 Aug 42--3 May 46	12 weeks

Enlisted Specialist Course (Motor Mechanics)

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	10 Jul 40-- 1 Oct 40	113	97	97	14	14
2	8 Oct 40-- 3 Jan 41	117	112	209	5	19
3	9 Dec 40-- 8 Mar 41	102	96	305	6	25
4	6 Jan 41--29 Mar 41	88	86	391	2	27
5	10 Feb 41-- 3 May 41	103	91	482	0	27
6	10 Mar 41--31 May 41	105	102	584	0	27
7	7 Apr 41--28 Jun 41	105	98	682	2	29
8	5 May 41--26 Jul 41	100	99	781	0	29
9	2 Jun 41--23 Aug 41	103	95	876	0	29
10	30 Jun 41--20 Sep 41	109	106	982	1	30
11	28 Jul 41--18 Oct 41	106	102	1084	1	31
12	25 Aug 41--15 Nov 41	94	81	1165	4	35
13	22 Sep 41--13 Dec 41	113	106	1271	4	39
14	20 Oct 41--17 Jan 42	100	96	1367	1	40
15	17 Nov 41--14 Feb 42	92	98	1465	0	40
16	15 Dec 41--14 Mar 42	108	104	1569	3	43
17	19 Jan 42--11 Apr 42	100	97	1666	0	43
18	16 Feb 42-- 9 May 42	109	106	1772	2	45
19	16 Mar 42-- 6 Jun 42	108	108	1880	0	45
20	13 Apr 42-- 4 Jul 42	115	114	1994	1	46
21	11 May 42-- 1 Aug 42	104	101	2095	0	46
22	8 Jun 42--29 Aug 42	117	117	2212	0	46
23	6 Jul 42--26 Sep 42	118	110	2322	0	46

Enlisted Motor Course

24	3 Aug 42--24 Oct 42	111	105	2427	0	46
25	31 Aug 42--21 Nov 42	111	104	2531	0	46
26	28 Sep 42--19 Dec 42	102	100	2631	0	46
27	26 Oct 42--16 Jan 43	111	111	2742	1	47
28	23 Nov 42--13 Feb 43	106	105	2847	0	47
29	21 Dec 42--13 Mar 43	112	110	2957	0	47
30	18 Jan 43--10 Apr 43	106	106	3063	0	47
31	15 Feb 43-- 8 May 43	110	110	3173	0	47
32	15 Mar 43-- 5 Jun 43	109	107	3280	0	47

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
33	12 Apr 43-- 3 Jul 43	103	100	3380	0	47
34	10 May 43--31 Jul 43	101	98	3478	0	47
35	24 May 43--14 Aug 43	72	58	3536	1	48
36	7 Jun 43--28 Aug 43	80	69	3605	2	50
Sp 1	14 Jun 43-- 4 Sep 43	61	47	3652	4	54
37	21 Jun 43--11 Sep 43	70	72	3724	3	57
Sp 2	28 Jun 43--18 Sep 43	30	34	3758	0	57
38	5 Jul 43--25 Sep 43	70	66	3824	3	60
Sp 3	13 Jul 43-- 2 Oct 43	64	61	3885	0	60
39	19 Jul 43-- 9 Oct 43	71	67	3952	4	64
40	2 Aug 43--23 Oct 43	72	69	4021	4	68
41	16 Aug 43-- 6 Nov 43	70	65	4086	1	69
42	23 Aug 43--13 Nov 43	45	43	4129	0	69
43	30 Aug 43--20 Nov 43	39	35	4164	0	69
44	6 Sep 43--27 Nov 43	49	43	4207	3	72
45	13 Sep 43-- 4 Dec 43	49	47	4254	0	72
46	20 Sep 43--11 Dec 43	41	38	4292	1	73
47	27 Sep 43--18 Dec 43	52	51	4343	0	73
48	4 Oct 43--25 Dec 43	45	42	4385	2	75
49	11 Oct 43-- 1 Jan 44	44	45	4430	0	75
50	18 Oct 43-- 8 Jan 44	69	63	4493	3	78
51	25 Oct 43--15 Jan 44	70	67	4560	0	78
52	1 Nov 43--22 Jan 44	68	66	4626	2	80
53	8 Nov 43--29 Jan 44	63	61	4687	1	81
54	15 Nov 43-- 5 Feb 44	64	61	4748	2	83
55	22 Nov 43--12 Feb 44	59	57	4805	0	83
56	29 Nov 43--19 Feb 44	65	66	4871	0	83
57	6 Dec 43--26 Feb 44	65	59	4930	0	83
58	13 Dec 43-- 4 Mar 44	65	62	4992	0	83
59	20 Dec 43--11 Mar 44	62	61	5053	0	83
60	27 Dec 43--18 Mar 44	60	58	5111	2	85
61	3 Jan 44--25 Mar 44	64	62	5173	2	87
62	10 Jan 44-- 1 Apr 44	67	64	5237	0	87
63	17 Jan 44-- 8 Apr 44	66	58	5295	1	88
64	24 Jan 44--15 Apr 44	66	66	5361	1	89
65	31 Jan 44--22 Apr 44	69	64	5425	1	90
66	7 Feb 44--29 Apr 44	64	64	5489	1	91
67	14 Feb 44-- 6 May 44	47	47	5536	1	92
68	21 Feb 44--13 May 44	67	63	5599	2	94
69	28 Feb 44--20 May 44	68	69	5668	1	95
70	6 Mar 44--27 May 44	69	72	5740	0	95
71	13 Mar 44-- 3 Jun 44	64	65	5805	2	97
72	20 Mar 44--10 Jun 44	64	70	5875	0	97
73	27 Mar 44--17 Jun 44	60	56	5931	0	97

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>Nc.</u>	<u>Total</u>
74	3 Apr 44--24 Jun 44	59	61	5992	2	99
75	10 Apr 44-- 1 Jul 44	58	64	6056	0	99
76	17 Apr 44-- 8 Jul 44	47	59	6115	1	100
77	24 Apr 44--15 Jul 44	62	58	6173	1	101
78	1 May 44--22 Jul 44	63	57	6230	0	101
79	8 May 44--29 Jul 44	68	72	6302	0	101
80	15 May 44-- 5 Aug 44	64	76	6378	0	101
81	22 May 44--12 Aug 44	61	69	6447	1	102
82	29 May 44--19 Aug 44	54	55	6502	0	102
83	5 Jun 44--26 Aug 44	62	67	6569	0	102
84	12 Jun 44-- 2 Sep 44	65	61	6630	2	104
85	19 Jun 44-- 9 Sep 44	64	59	6689	0	104
86	26 Jun 44--16 Sep 44	67	65	6754	3	107
87	3 Jul 44--23 Sep 44	66	71	6825	0	107
88	10 Jul 44--30 Sep 44	61	63	6888	1	108
89	17 Jul 44-- 7 Oct 44	70	68	6956	0	108
90	24 Jul 44--14 Oct 44	55	61	7017	0	108
91	31 Jul 44--21 Oct 44	72	72	7089	2	110
92	7 Aug 44--28 Oct 44	64	63	7152	0	110
93	14 Aug 44-- 4 Nov 44	75	79	7231	2	112
94	21 Aug 44--11 Nov 44	70	64	7295	0	112
95	28 Aug 44--18 Nov 44	59	54	7349	0	112
96	4 Sep 44--25 Nov 44	59	55	7404	0	112
97	11 Sep 44-- 2 Dec 44	81	82	7486	1	113
98	18 Sep 44-- 9 Dec 44	58	51	7537	0	113
99	25 Sep 44--16 Dec 44	70	70	7607	0	113
100	2 Oct 44--23 Dec 44	59	57	7664	0	113
101	9 Oct 44--30 Dec 44	71	59	7723	0	113
102	16 Oct 44-- 6 Jan 45	40	34	7757	0	113
103	23 Oct 44--13 Jan 45	40	36	7793	0	113
104	30 Oct 44--20 Jan 45	40	37	7830	0	113
105	6 Nov 44--27 Jan 45	41	43	7873	0	113
106	13 Nov 44-- 3 Feb 45	50	63	7936	0	113
107	Cancelled					
108	27 Nov 44--17 Feb 45	60	52	7988	1	114
109	4 Dec 44--24 Feb 45	37	41	8029	0	114
110	11 Dec 44-- 3 Mar 45	66	69	8098	0	114
111	18 Dec 44--10 Mar 45	22	21	8119	0	114
112	25 Dec 44--17 Mar 45	70	63	8182	0	114
113	1 Jan 45--24 Mar 45	54	52	8234	0	114
114	8 Jan 45--31 Mar 45	47	40	8274	0	114
115	15 Jan 45-- 7 Apr 45	22	22	8296	0	114
116	22 Jan 45--14 Apr 45	10	15	8311	0	114
117	Cancelled					

Class	Dates	Orig. Enr.	Graduates		Failures	
			No.	Total	No.	Total
118	5 Feb 45--28 Apr 45	39	38	8349	0	114
119	12 Feb 45-- 5 May 45	31	31	8380	0	114
120	Cancelled					
121	Cancelled					
122	5 Mar 45--26 May 45	30	37	8417	0	114
123	12 Mar 35-- 2 Jun 45	35	36	8453	0	114
124	Cancelled					
125	Cancelled					
126	Cancelled					
127	9 Apr 45--30 Jun 45	29	28	8481	1	115
128	Cancelled					
129	23 Apr 45--14 Jul 45	7	6	8487	0	115
130	Cancelled					
131	Cancelled					
132	14 May 45-- 4 Aug 45	35	29	8516	0	115
133	Cancelled					
134	28 May 45--18 Aug 45	61	61	8577	0	115
135	11 Jun 45-- 1 Sep 45	32	62	8639	0	115
136	25 Jun 45--15 Sep 45	70	4	8643	0	115
137	16 Jul 45-- 6 Oct 45	6	11	8654	0	115
138	Cancelled					
139	Cancelled					
140	27 Aug 45--16 Nov 45	38	32	8686	0	115
141	Cancelled					
142	24 Sep 45--14 Dec 45	36	22	8708	0	115
143	Cancelled					
144	22 Oct 45--18 Jan 46	5	4	8712	0	115
145	5 Nov 45-- 1 Feb 46	66	59	8771	0	115
146	19 Nov 45--15 Feb 46	90	160	8931	0	115
147	Cancelled					
148	Cancelled					
149	7 Jan 46--14 Apr 46	67	64	8995	0	115
150	28 Jan 46-- 3 May 46	72	51	9046	0	115

## TRACTOR COURSE (OFFICERS)

AND

## OFFICERS' FULL TRACK VEHICLE COURSE

Purpose: (1) High speed tractor section. To present principles of maintenance and operation of full-track prime movers issued to field artillery and to qualify officers for duties of battalion motor officer. (2) Self-propelled mount section. To present principles of maintenance and operation of 105-mm self-propelled mount M7 and to qualify officers for duties of battalion motor officer.

Scope: (1) High speed tractor section. Includes instruction in construction, functioning, repair, and operation of full-track prime movers; army system of maintenance and preventive maintenance; training of drivers and mechanics; field expedients for operation over difficult and varied terrain. (2) Self-propelled mount section. Includes instruction in construction, functioning, repair and operation of 105-mm self-propelled mount; army system of maintenance and preventive maintenance; training of drivers and mechanics; field expedients for operation over difficult and varied terrain.

Prerequisites: Officers should be graduates of an officers' motor course at a service school or have equivalent experience.

Comments: This course was originally known as the Tractor Course and only enlisted students were enrolled. Tractor Course Class No. 1 started on 17 November 1941. Beginning with Class No. 4A, starting on 23 February 1942, officers were also enrolled. However, although officers and enlisted men received identical instruction, for the purpose of academic records and issuance of certificates, two separate courses were listed, the Officers' Tractor Course and the Enlisted Tractor Course. The first class in the Tractor Course (Officers) was given the number 4A.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 4A to No. 24*(TCO)	23 Feb 42--25 Sep 43	4 weeks
No. 1 to No. 107 (OFTVC)	27 Sep 43--11 Jan 45	4 weeks

\* Effective with the class entering on 2 August 1943, the name of this course was changed from Tractor Course (Officers) to Officers'

Full Track Vehicle Course. Due to an error in cutting the rosters, the first two classes under the new name were designated Officers' Full Track Vehicle Course, Class No. 23 and Class No. 24 respectively, and certificates were issued accordingly. The next class was then designated Officers' Full Track Vehicle Course, Class No. 1. Consequently, two different classes have been issued certificates bearing the designation Officers' Full Track Vehicle Course, Class No. 23: the class entering 2 August 1943 and graduating 28 August 1943, and the class entering 28 February 1944 and graduating 25 March 1944. Likewise, two different classes were designated No. 24: the class entering 30 August 1943 and graduating 25 September 1943, and the class entering 6 March 1944 and graduating 1 April 1944.

Tractor Course (Officers)

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
4A	23 Feb 42--20 Mar 42	6	6	6	0	0
5	16 Mar 42--11 Apr 42	3	3	9	0	0
6	13 Apr 42-- 9 May 42	4	4	13	0	0
7	11 May 42-- 6 Jun 42	1	1	14	0	0
8	8 Jun 42-- 4 Jul 42	2	2	16	0	0
9	6 Jul 42-- 1 Aug 42	1	1	17	0	0
10	3 Aug 42--29 Aug 42	3	3	20	0	0
11	Cancelled					
12	Cancelled					
13	26 Oct 42--21 Nov 42	3	3	23	0	0
14	23 Nov 42--19 Dec 42	1	1	24	0	0
15	--(no off. students)					
16	18 Jan 43--13 Feb 43	1	1	25	0	0
17	15 Feb 43--13 Mar 43	5	5	30	0	0
18	15 Mar 43--10 Apr 43	3	3	33	0	0
19	12 Apr 43-- 8 May 43	7	7	40	0	0
20	10 May 43-- 5 Jun 43	8	8	48	0	0
21	7 Jun 43-- 3 Jul 43	5	5	53	0	0
22	5 Jul 43--31 Jul 43	4	5	58	0	0
23	2 Aug 43--28 Aug 43	3	3	61	0	0
24	30 Aug 43--25 Sep 43	5	4	65	0	0

Officers' Full Track Vehicle Course

1	27 Sep 43--23 Oct 43	3	3	68	0	0
2	4 Oct 43--30 Oct 43	3	3	71	0	0
3	11 Oct 43-- 6 Nov 43	3	3	74	0	0

Class	Dates	Orig.	Graduates		Failures	
		Enr.	No.	Total	No.	Total
4	18 Oct 43--13 Nov 43	1	1	75	0	0
5	25 Oct 43--20 Nov 43	3	3	78	0	0
6	1 Nov 43 -27 Nov 43	7	7	85	0	0
7	8 Nov 43-- 4 Dec 43	4	4	89	0	0
8	--(no officers)					
9	22 Nov 43--18 Dec 43	7	7	96	0	0
10	29 Nov 43--25 Dec 43	4	3	99	0	0
11	6 Dec 43-- 1 Jan 44	1	1	100	0	0
12	13 Dec 43-- 8 Jan 44	5	5	105	0	0
13	20 Dec 43--15 Jan 44	6	6	111	0	0
14	27 Dec 43--22 Jan 44	4	4	115	0	0
15	3 Jan 44--29 Jan 44	7	6	121	0	0
16	10 Jan 44-- 5 Feb 44	9	9	130	0	0
17	17 Jan 44- 12 Feb 44	5	5	135	0	0
18	24 Jan 44- 19 Feb 44	7	7	142	0	0
19	31 Jan 44--26 Feb 44	8	8	150	0	0
20	7 Feb 44-- 4 Mar 44	9	8	151	0	0
21	14 Feb 44--11 Mar 44	19	19	170	0	0
22	21 Feb 44--18 Mar 44	11	11	181	0	0
23	28 Feb 44--25 Mar 44	8	8	189	0	0
24	6 Mar 44-- 1 Apr 44	11	11	200	0	0
25	13 Mar 44-- 8 Apr 44	14	14	214	0	0
26	20 Mar 44--15 Apr 44	12	13	227	0	0
27	27 Mar 44- 22 Apr 44	18	18	245	0	0
28	3 Apr 44--29 Apr 44	11	11	256	0	0
29	10 Apr 44-- 6 May 44	7	7	263	0	0
30	17 Apr 44--13 May 44	11	12	275	0	0
31	24 Apr 44--20 May 44	18	18	293	0	0
32	1 May 44--27 May 44	25	25	318	0	0
33	8 May 44-- 3 Jun 44	22	22	340	0	0
34	15 May 44--10 Jun 44	21	21	361	0	0
35	22 May 44--17 Jun 44	14	13	374	0	0
36	29 May 44 -24 Jun 44	17	16	390	0	0
37	5 Jun 44-- 1 Jul 44	20	19	409	0	0
38	12 Jun 44-- 8 Jul 44	24	24	433	0	0
39	19 Jun 44--15 Jul 44	16	17	450	0	0
40	26 Jun 44--22 Jul 44	18	17	467	0	0
41	3 Jul 44--29 Jul 44	18	15	482	0	0
42	10 Jul 44- 5 Aug 44	20	19	501	0	0
43	17 Jul 44--12 Aug 44	14	16	517	0	0
44	24 Jul 44- 19 Aug 44	19	19	536	0	0
45	31 Jul 44--26 Aug 44	21	20	556	0	0
46	7 Aug 44-- 2 Sep 44	24	24	580	0	0
47	14 Aug 44 - 9 Sep 44	20	19	599	0	0

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
48	21 Aug 44--16 Sep 44	17	16	615	0	0
49	28 Aug 44--23 Sep 44	15	15	630	0	0
50	4 Sep 44--30 Sep 44	15	14	644	0	0
51	11 Sep 44--7 Oct 44	16	16	660	0	0
52	18 Sep 44--14 Oct 44	17	16	676	0	0
53	25 Sep 44--21 Oct 44	10	10	686	0	0
54	2 Oct 44--28 Oct 44	14	14	700	0	0
55	9 Oct 44--4 Nov 44	10	11	711	0	0
56	16 Oct 44--11 Nov 44	12	10	721	0	0
57	23 Oct 44--18 Nov 44	13	13	734	0	0
58	30 Oct 44--25 Nov 44	13	13	747	0	0
59	6 Nov 44--2 Dec 44	17	16	763	0	0
60	13 Nov 44--9 Dec 44	13	12	775	0	0
61	20 Nov 44--16 Dec 44	7	8	783	0	0
62	27 Nov 44--23 Dec 44	7	7	790	0	0
63	4 Dec 44--30 Dec 44	13	28	818	0	0
64	11 Dec 44--6 Jan 45	14	13	831	0	0
65	18 Dec 44--13 Jan 45	3	3	834	0	0
66	25 Dec 44--20 Jan 45	5	4	838	0	0
67	1 Jan 45--27 Jan 45	10	10	848	0	0
68	8 Jan 45--3 Feb 45	12	10	858	0	0
69	15 Jan 45--10 Feb 45	12	14	872	0	0
70	22 Jan 45--17 Feb 45	3	3	875	0	0
71	29 Jan 45--24 Feb 45	8	8	883	0	0
72	5 Feb 45--3 Mar 45	22	22	905	0	0
73	Cancelled					
74	19 Feb 45--17 Mar 45	14	13	918	0	0
75	26 Feb 45--24 Mar 45	10	9	927	0	0
76	5 Mar 45--31 Mar 45	6	7	934	0	0
77	12 Mar 45--7 Apr 45	10	10	944	0	0
78	19 Mar 45--14 Apr 45	10	9	953	0	0
79	Cancelled					
80	2 Apr 45--28 Apr 45	6	6	959	0	0
81	9 Apr 45--5 May 45	8	9	968	0	0
82	16 Apr 45--12 May 45	5	6	974	0	0
83	Cancelled					
84	30 Apr 45--26 May 45	9	9	983	0	0
85	7 May 45--2 Jun 45	6	4	987	0	0
86	14 May 45--9 Jun 45	2	1	988	0	0
87	Cancelled					
88	28 May 45--23 Jun 45	6	5	993	0	0
89	4 Jun 45--30 Jun 45	2	3	996	0	0
90	Cancelled					
91	Cancelled					
92	Cancelled					

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
93	2 Jul 45--28 Jul 45	3	3	999	0	0
94	9 Jul 45-- 4 Aug 45		2	1001	0	0
95	16 Jul 45-- *					
96	23 Jul 45--18 Aug 45	2	2	1003	0	0
97	Cancelled					
98	6 Aug 45-- 1 Sep 45	3	1	1004	0	0
99	20 Aug 45--15 Sep 45	5	4	1008	0	0
100	3 Sep 45--29 Sep 45	3	7	1015	0	0
101	17 Sep 45--13 Oct 45	3	2	1017	0	0
102	Cancelled					
103	15 Oct 45-- 9 Nov 45	1	1	1018	0	0
104	Cancelled					
105	Cancelled					
106	Cancelled					
107	10 Dec 45--11 Jan 46	3	3	1021	0	0

\* The 2 officers remaining in Class No. 95 on 1 Aug were transferred to FTVC No. 94 on that date.

## ENLISTED TRACTOR COURSE

AND

## ENLISTED FULL TRACK VEHICLE COURSE

Purpose: (1) High speed tractor section: To present principles of maintenance and operation of full-track prime movers issued to field artillery; to qualify enlisted personnel for performing second echelon maintenance on these vehicles. (2) Self-propelled mount section: To present principles of maintenance and operation of 105mm self-propelled mount M-7; to qualify enlisted personnel for performing second echelon maintenance on this vehicle.

Scope: (1) High speed tractor section: Includes instruction in construction, functioning, repair and operation of full-track vehicles; army system of maintenance and preventive maintenance; training of drivers and mechanics; field expedients for operation over difficult and varied terrain. (2) Self-propelled mount section: Includes instruction in construction, functioning, repair and operation of 105mm self-propelled mount; army system of maintenance and preventive maintenance; training drivers and mechanics; field expedients for operation over difficult and varied terrain.

Prerequisites: Enlisted man must have desire to attend course; character rating of Excellent; grammar school education or equivalent; be graduate of motor course at service school or have equivalent experience.

Comments: All students received general instruction in full-track vehicles for first two weeks. During the remaining two weeks, the student received instruction in the particular type vehicle with which his organization was equipped.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 24*(ETC)	17 Nov 41--25 Sep 43	4 weeks
No. 1 to No. 107(EFTVC)	27 Sep 43--11 Jan 46	4 weeks

\* Effective with the class entering on 2 August 1943, the name of this course was changed from Enlisted Tractor Course to Enlisted Full Track Vehicle Course. Due to an error in cutting the rosters, the first two classes under the new name were designated Enlisted Full Track Vehicle Course, Class No. 23 and Class No. 24 respectively, and certificates were issued accordingly. The next class was

then designated Enlisted Full Track Vehicle Course, Class No. 1. Consequently, two different classes have been issued certificates bearing the designation Enlisted Full Track Vehicle Course, Class No. 23-- the class entering 2 August 1943 and graduating 28 August 1943, and the class entering 28 February 1944 and graduating 25 March 1944. Likewise, two different classes were designated No. 24-- the class entering 30 August 1943 and graduating 25 September 1943, and the class entering 6 March 1944 and graduating 1 April 1944.

Enlisted Tractor Course

Class	Dates	Orig.	Graduates		Failures	
		Enr.	No.	Total	No.	Total
1	17 Nov 41--13 Dec 41	16	12	12	2	2
2	15 Dec 41--17 Jan 42	12	12	24	0	2
3	19 Jan 42--14 Feb 42	14	13	37	0	2
4	16 Feb 42--14 Mar 42	20	15	52	1	3
4-A	23 Feb 42--20 Mar 42	6	6	58	0	3
5	16 Mar 42--11 Apr 42	17	15	73	2	5
6	13 Apr 42-- 9 May 42	14	17	90	0	5
7	11 May 42-- 6 Jun 42	10	10	100	0	5
8	8 Jun 42-- 4 Jul 42	7	9	109	2	7
9	6 Jul 42-- 1 Aug 42	15	17	126	0	7
10	3 Aug 42--29 Aug 42	16	15	141	0	7
11	31 Aug 42--26 Sep 42	14	15	156	0	7
12	28 Sep 42--24 Oct 42	26	26	182	0	7
13	26 Oct 42--21 Nov 42	14	14	196	0	7
14	23 Nov 42--19 Dec 42	10	10	206	0	7
15	21 Dec 42--16 Jan 43	12	12	218	0	7
16	18 Jan 43--13 Feb 43	7	7	225	0	7
17	15 Feb 43--13 Mar 43	12	12	237	0	7
18	15 Mar 43--10 Apr 43	5	4	241	1	8
19	12 Apr 43-- 8 May 43	6	4	245	2	10
20	10 May 43-- 5 Jun 43	9	9	254	0	10
21	7 Jun 43-- 3 Jul 43	12	13	267	0	10
22	5 Jul 43--31 Jul 43	10	10	277	0	10
23	2 Aug 43--28 Aug 43	1	1	278	0	10
24	30 Aug 43--25 Sep 43	7	7	285	0	10

Enlisted Full Track Vehicle Course

1	27 Sep 43--23 Oct 43	8	8	293	0	10
2	4 Oct 43--30 Oct 43	8	8	301	0	10
3	11 Oct 43-- 6 Nov 43	11	11	312	0	10
4	18 Oct 43--13 Nov 43	10	9	321	1	11

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
5	25 Oct 43--20 Nov 43	11	10	331	0	11
6	1 Nov 43--27 Nov 43	7	7	338	0	11
7	8 Nov 43-- 4 Dec 43	8	8	346	0	11
8	15 Nov 43--11 Dec 43	10	9	355	1	12
9	22 Nov 43--18 Dec 43	17	16	371	0	12
10	29 Nov 43--25 Dec 43	10	10	381	0	12
11	6 Dec 43-- 1 Jan 44	21	18	399	1	13
12	13 Dec 43-- 8 Jan 44	13	11	410	1	14
13	20 Dec 43--15 Jan 44	18	18	428	0	14
14	27 Dec 43--22 Jan 44	14	15	443	0	14
15	3 Jan 44--29 Jan 44	16	15	458	0	14
16	10 Jan 44-- 5 Feb 44	32	34	492	0	14
17	17 Jan 44--12 Feb 44	34	29	521	1	15
18	24 Jan 44--19 Feb 44	36	34	555	0	15
19	31 Jan 44--26 Feb 44	36	34	589	1	16
20	7 Feb 44-- 4 Mar 44	41	40	629	0	16
21	14 Feb 44--11 Mar 44	28	28	657	0	16
22	21 Feb 44--18 Mar 44	30	28	685	1	17
23	28 Feb 44--25 Mar 44	24	25	710	0	17
24	6 Mar 44-- 1 Apr 44	32	32	742	0	17
25	13 Mar 44-- 8 Apr 44	21	29	771	0	17
26	20 Mar 44--15 Apr 44	27	29	800	0	17
27	27 Mar 44--22 Apr 44	30	30	830	0	17
28	3 Apr 44--29 Apr 44	29	30	860	0	17
29	10 Apr 44-- 6 May 44	24	22	882	0	17
30	17 Apr 44--13 May 44	35	51	933	0	17
31	24 Apr 44--20 May 44	57	52	985	1	18
32	1 May 44--27 May 44	61	57	1042	0	18
33	8 May 44-- 3 Jun 44	60	63	1105	0	18
34	15 May 44--10 Jun 44	42	41	1146	0	18
35	22 May 44--17 Jun 44	58	55	1201	0	18
36	29 May 44--24 Jun 44	72	74	1275	0	18
37	5 Jun 44-- 1 Jul 44	62	58	1333	0	18
38	12 Jun 44-- 8 Jul 44	50	52	1385	0	18
39	19 Jun 44--15 Jul 44	48	42	1427	0	18
40	26 Jun 44--22 Jul 44	36	59	1486	0	18
41	3 Jul 44--29 Jul 44	54	53	1539	0	18
42	10 Jul 44-- 5 Aug 44	53	46	1585	0	18
43	17 Jul 44--12 Aug 44	50	51	1636	0	18
44	24 Jul 44--19 Aug 44	53	52	1688	1	19
45	31 Jul 44--26 Aug 44	48	49	1737	0	19
46	5 Aug 44-- 2 Sep 44	55	55	1792	0	19
47	14 Aug 44-- 9 Sep 44	56	59	1851	0	19
48	21 Aug 44--16 Sep 44	33	64	1915	1	20

<u>Class</u>	<u>Dates</u>	<u>Orig. Graduates</u>			<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
49	28 Aug 44--23 Sep 44	44	64	1979	0	20
50	4 Sep 44--30 Sep 44	62	57	2036	0	20
51	11 Sep 44-- 7 Oct 44	45	44	2080	0	20
52	18 Sep 44--14 Oct 44	45	47	2127	0	20
53	25 Sep 44--21 Oct 44	46	66	2193	1	21
54	2 Oct 44--28 Oct 44	45	43	2236	0	21
55	9 Oct 44-- 4 Nov 44	57	54	2290	0	21
56	16 Oct 44--11 Nov 44	47	42	2332	1	22
57	23 Oct 44--18 Nov 44	30	31	2363	0	22
58	30 Oct 44--25 Nov 44	23	17	2380	0	22
59	6 Nov 44-- 2 Dec 44	43	37	2417	0	22
60	13 Nov 44-- 9 Dec 44	41	40	2457	0	22
61	20 Nov 44--16 Dec 44	34	34	2491	0	22
62	27 Nov 44--23 Dec 44	20	18	2509	1	23
63	4 Dec 44--30 Dec 44	69	64	2573	0	23
64	11 Dec 44-- 6 Jan 45	59	53	2626	0	23
65	18 Dec 44--13 Jan 45	9	8	2634	0	23
66	25 Dec 44--20 Jan 45	18	17	2651	0	23
67	1 Jan 45--27 Jan 45	46	37	2688	0	23
68	8 Jan 45-- 3 Feb 45	32	23	2711	1	24
69	15 Jan 45--10 Feb 45	14	15	2726	0	24
70	22 Jan 45--17 Feb 45	31	34	2760	0	24
71	29 Jan 45--24 Feb 45	30	27	2787	0	24
72	5 Feb 45-- 3 Mar 45	51	50	2837	1	25
73	12 Feb 45--10 Mar 45	40	33	2870	0	25
74	19 Feb 45--17 Mar 45	7	11	2881	0	25
75	26 Feb 45--24 Mar 45	15	12	2893	1	26
76	5 Mar 45--31 Mar 45	28	27	2920	0	26
77	12 Mar 45-- 7 Apr 45	35	30	2950	0	26
78	19 Mar 45--14 Apr 45	18	19	2969	0	26
79	26 Mar 45--21 Apr 45	31	34	3003	0	26
80	2 Apr 45--28 Apr 45	9	7	3010	0	26
81	9 Apr 45-- 5 May 45	30	25	3035	0	26
82	16 Apr 45--12 May 45	14	20	3055	0	26
83	Cancelled					
84	30 Apr 45--26 May 45	22	19	3074	0	26
85	7 May 45-- 2 Jun 45	18	18	3092	1	27
86	14 May 45-- 9 Jun 45	5	6	3098	0	27
87	Cancelled					
88	28 May 45--23 Jun 45	8	8	3106	0	27
89	4 Jun 45--30 Jun 45	14	21	3127	1	28
90	Cancelled					
91	18 Jun 45--14 Jul 45	22	11	3138	11	39

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
92	Cancelled					
93	2 Jul 45--28 Jul 45	20	20	3158	0	39
94	9 Jul 45-- 4 Aug 45	3	3	3161	0	39
95	Cancelled					
96	23 Jul 45--18 Aug 45	21	16	3177	0	39
97	Cancelled					
98	6 Aug 45-- 1 Sep 45	45	25	3202	2	41
99	20 Aug 45--15 Sep 45	29	29	3231	0	41
100	3 Sep 45--29 Sep 45	30	20	3251	2	43
101	17 Sep 45--13 Oct 45	28	28	3279	1	44
102	1 Oct 45--27 Oct 45	18	16	3295	0	44
103	15 Oct 45-- 9 Nov 45	26	25	3320	0	44
104	29 Oct 45--23 Nov 45	16	12	3332	0	44
105	12 Nov 45-- 7 Dec 45	46	33	3365	4	48
106	26 Nov 45--21 Dec 45	15	21	3386	0	48
107	10 Dec 45--11 Jan 46	28	19	3405	0	48

## M29C CARGO CARRIER SPECIAL COURSE

**Purpose:** To train instruction teams of one officer and one enlisted man each for assignment to the theatres to instruct unit personnel in the field in maintenance and operation of the M29C Cargo Carrier.

**Scope:** A course in maintenance and operation of the M29C Cargo Carrier (Weasel) and assembly, disassembly, and stowage of the 105mm howitzer M2 on the M29C Cargo Carrier.

**Prerequisites:** Graduates of motor course at a service school, or equivalent experience. Enrollment limited to personnel selected by AGF, including some personnel of the Department of Motors nominated by the Director.

**Comments:** Twenty-eight teams, consisting of 1 officer and 1 enlisted man each, were trained. One additional team, consisting of 1 officer and 3 enlisted men, was trained. This team was organized to remain at the Field Artillery School subject to being ordered to any location, including overseas, specified by the Commanding General of the Army Ground Forces for the purpose of giving instruction in driving and first and second echelon maintenance on the M29C Cargo Carrier.

<u>Classes</u>		<u>Dates</u>			<u>Duration</u>	
No. 1 only		27 Nov 44--9 Dec 44			12 days	
<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	27 Nov 44--9 Dec 44	67	67	67	0	0

OBSERVATION BATTALION OFFICERS' COURSE

AND

OFFICERS' SOUND AND FLASH RANGING COURSE

Purpose: To qualify officers for duty with field artillery observation battalions.

Scope: Instruction in survey, meteorology, sound ranging, flash ranging, and tactical employment of field artillery observation battalion. Includes accurate survey, and sound and flash ranging methods, using slide rule plotting, flash plotting board, various optical instruments, altimeter, microphones, air photos, and maps. Also the determination of meteorological data.

Prerequisites: Background in mathematics and physics, within age-in-grade restrictions. Student officers will be selected from observation battalions.

Comments:

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 4 (OBOC)	15 Jun 42-- 3 Oct 42	4 weeks
No. 5 to No. 10 (OS&FRC)	5 Oct 42--20 Mar 43	4 weeks
No. 11 to No. 23 (OS&FRC)	22 Mar 43--9 Jun 45	8 weeks

Observation Battalion Officers' Course

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	15 Jun 42--11 Jul 42	21	21	21	0	0
2	13 Jul 42-- 8 Aug 42	31	29	50	2	2
3	10 Aug 42-- 5 Sep 42	28	26	76	1	3
4	7 Sep 42-- 3 Oct 42	31	29	105	1	4

Officers' Sound and Flash Ranging Course

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
5	5 Oct 42--31 Oct 42	21	21	126	0	4
6	2 Nov 42--28 Nov 42	32	32	158	0	4
7	30 Nov 42--26 Dec 42	26	25	183	1	5
8	28 Dec 42--23 Jan 43	30	29	212	0	5
9	25 Jan 43--20 Feb 43	29	26	238	0	5
10	22 Feb 43--20 Mar 43	33	31	269	1	6
11	22 Mar 43--14 May 43	33	32	301	2	8
12	24 May 43--17 Jul 43	29	29	330	1	9
13	26 Jul 43--18 Sep 43	32	31	361	0	9
14	27 Sep 43--20 Nov 43	34	35	396	0	9
15	29 Nov 43--22 Jan 44	31	24	420	3	12
16	31 Jan 44--25 Mar 44	36	36	456	0	12
17	3 Apr 44--27 May 44	30	30	486	0	12
18	5 Jun 44--29 Jul 44	33	33	519	1	13
19	7 Aug 44--30 Sep 44	31	31	550	0	13
20	9 Oct 44-- 2 Dec 44	34	31	581	0	13
21	Cancelled					
22	12 Feb 45-- 7 Apr 45	25	24	605	1	14
23	16 Apr 45-- 9 Jun 45	10	10	615	0	14

## OFFICERS' SOUND AND FLASH RANGING COURSE (SPECIAL)

**Purpose:** Class No. 1 -- To give training in functions of a field artillery observation battalion officer to 31 weather officers, recruited from the Army Air Forces, in preparation for enrollment in the Meteorological Team Training Course and ultimate assignment to observation battalions as members of metro sections. Class No. 2 -- To train 11 field artillery lieutenants urgently needed for assignment to a newly-activated observation battalion. Insufficient time for the regular Officers' Sound and Flash Ranging Course. Class No. 3 -- To train 8 Coast and Geodetic Survey officers for urgent assignment to field artillery observation battalion overseas, in line with WD policy of assigning one C&GS officer to each of such battalions. Insufficient time for regular course.

**Scope:** Similar to regular Officers' Sound and Flash Ranging, condensed to meet the time requirement.

**Prerequisites:** Officers specially selected for each class.

Comments:

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>				
No. 1	4 Dec 44--20 Jan 45	7 weeks				
No. 2	26 Dec 44--13 Jan 45	3 weeks				
No. 3	22 Jan 45--17 Feb 45	4 weeks				
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	4 Dec 44--20 Jan 45	31	20	29	0	0
2	26 Dec 44--13 Jan 45	11	11	40	0	0
3	22 Jan 45--17 Feb 45	8	8	48	0	0

## ENLISTED FLASH RANGING COURSE

Purpose: To qualify noncommissioned officers of field artillery observation battalions for duty in flash ranging platoons.

Scope: Flash ranging survey; plotting methods and computing; elementary gunnery; basic drafting, map and air photo reading, plotting on flash plotting board; care, use, and operation of equipment.

Prerequisites: Students to be selected from field artillery observation battalions.

Comments: Flash ranging is the technique of locating enemy artillery on the ground by observation of the flash. Also used for locating shell-bursts for adjustment of fire purposes.

<u>Classes</u>		<u>Dates</u>			<u>Duration</u>	
No. 1 to No. 26		21 Jun 43--15 Sep 45			4 weeks	
<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	21 Jun 43--17 Jul 43	30	25	25	5	5
2	26 Jul 43--21 Aug 43	27	23	48	3	8
3	23 Aug 43--18 Sep 43	26	25	73	1	9
4	27 Sep 43--23 Oct 43	31	30	103	1	10
5	25 Oct 43--20 Nov 43	26	24	127	2	12
6	29 Nov 43--25 Dec 43	30	26	153	2	14
7	27 Dec 43--22 Jan 44	23	19	172	0	14
8	31 Jan 44--26 Feb 44	34	32	204	2	16
9	28 Feb 44--25 Mar 44	30	28	232	0	16
10	3 Apr 44--29 Apr 44	27	25	257	2	18
11	1 May 44--27 May 44	25	23	280	0	18
12	5 Jun 44--1 Jul 44	30	31	311	0	18
13	1 Jul 44--29 Jul 44	19	16	327	1	19
14	5 Aug 44--5 Sep 44	25	23	350	1	20
15	2 Sep 44--30 Sep 44	19	18	368	0	20
16	9 Oct 44--4 Nov 44	30	30	398	0	20
17	6 Nov 44--2 Dec 44	26	26	424	0	20
18	9 Dec 44--7 Jan 45	20	17	441	3	23
19	8 Jan 45--3 Feb 45	20	16	457	4	27
20	12 Feb 45--10 Mar 45	6	6	463	0	27

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
21	12 Mar 45-- 7 Apr 45	29	19	482	10	37
22	16 Apr 45--12 May 45	33	33	515	0	37
23	14 May 45-- 9 Jun 45	20	14	529	6	43
24	18 Jun 45--14 Jul 45	16	11	540	7	50
25	16 Jul 45--11 Aug 45	9	6	546	3	53
26	20 Aug 45--15 Sep 45	4	3	549	0	53

## ENLISTED SOUND RANGING COURSE

Purpose: To qualify noncommissioned officers of field artillery observation battalions for duty in sound ranging platoons.

Scope: Operation and care of equipment, practical use of maps, survey technique, plotting methods, computing, and elementary gunnery.

Prerequisites: Enlisted man must have desire to attend course; character rating Excellent; high school graduate or equivalent; minimum AGCT score of 90; background in mathematics and physics; experience in computing desirable; priority will be given to selection of students from field artillery observation battalions.

Comments. Sound ranging is the technique of locating enemy artillery on the ground by recording the source of the sound of the enemy gun and from the data obtained, plotting its ground location. Also used for locating friendly shell-bursts for the purpose of adjusting fire.

<u>Classes</u>		<u>Dates</u>	<u>Duration</u>			
No. 1 to No. 26		21 Jun 43--15 Sep 45	4 weeks			
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates No.</u>	<u>Graduates Total</u>	<u>Failures No.</u>	<u>Failures Total</u>
1	1 Jun 43--17 Jul 43	30	30	30	0	0
2	26 Jul 43--21 Aug 43	30	29	59	1	1
3	23 Aug 43--18 Sep 43	31	30	89	1	2
4	27 Sep 43--23 Oct 43	31	31	120	0	2
5	25 Oct 43--20 Nov 43	26	25	145	0	2
6	29 Nov 43--25 Dec 43	29	26	171	0	2
7	27 Dec 43--22 Jan 44	24	24	195	0	2
8	31 Jan 44--26 Feb 44	33	33	228	0	2
9	28 Feb 44--25 Mar 44	30	29	257	0	2
10	3 Apr 44--29 Apr 44	26	24	281	1	3
11	1 May 44--27 May 44	27	27	308	0	3
12	5 Jun 44-- 1 Jul 44	13	13	321	0	3
13	1 Jul 44--29 Jul 44	13	12	333	0	3
14	5 Aug 44-- 5 Sep 44	22	22	355	0	3
15	2 Sep 44--30 Sep 44	21	18	373	0	3
16	9 Oct 44-- 4 Nov 44	29	26	399	3	6

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
17	6 Nov 44-- 2 Dec 44	25	23	422	2	8
18	9 Dec 44-- 7 Jan 45	14	14	436	0	8
19	8 Jan 45-- 3 Feb 45	16	15	451	1	9
20	12 Feb 45--10 Mar 45	7	5	456	1	10
21	12 Mar 45-- 7 Apr 45	28	19	475	3	13
22	16 Apr 45--12 May 45	28	30	505	0	13
23	14 May 45-- 9 Jun 45	20	19	524	1	14
24	18 Jun 45--14 Jul 45	21	17	541	6	20
25	16 Jul 45--11 Aug 45	21	19	560	2	22
26	20 Aug 45--15 Sep 45	6	6	566	0	22

## ENLISTED DODAR RANGING COURSE

Purpose: To qualify noncommissioned officers of field artillery observation battalions for duty in sound-ranging by Dodar methods.

Scope: This course includes comprehensive instruction on the instruments, equipment, and fundamentals of sound ranging by Dodar methods and the tactical employment of Dodar units. Emphasis is on practical instruction on the Dodar instruments, care, use, repair, maintenance and trouble shooting.

Prerequisites: Students should be selected from enlisted men possessing an AGCT score of 90 or better, a MAT score of 90 or better and the following minimum qualifications: (1) Assigned to field artillery observation battalions; have completed basic training prescribed in Unit Training Program Field Artillery Observation Battalions for sound ranging personnel, or equivalent training. (2) Should possess a good working knowledge of trigonometry, algebra, plane geometry, with ability to use logarithms and natural functions and have the mechanical and electrical aptitude necessary to working with sound ranging equipment. (3) Should be graduates of the Enlisted Sound Ranging Course and the Enlisted Sound Ranging Equipment Repair and Maintenance Course, or have equivalent training.

Comments: DODAR is a short term for "detection of direction and range".

Sound ranging consists of receiving through a number of microphones the sound wave produced by a gun or the explosion of a projectile and of determining the source of the sound wave by a study of the time intervals between its reception at several pairs of microphones.

Dodar was intended to simplify sound ranging procedure. Unlike the conventional sound ranging equipment, no outpost operator is required for operation of Dodar. Therefore, the sound base may be installed somewhat closer to the front lines than is possible with standard sound ranging equipment. The Dodar system is particularly useful when hasty sound ranging installations are desired, and for accurate ranging on targets at short distances, such as light artillery and mortars.

The complete Sound Ranging Set AN/PNS-1 (Dodar) weighs approximately 79 pounds.

Classes

Dates

Duration

No. 1 to No. 4

26 Mar 45-- 8 Sep 45

2 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduate</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	26 Mar 45-- 7 Apr 45	17	16	16	0	0
2	1 Apr 45--14 Apr 45	12	12	28	0	0
3	6 Aug 45--18 Aug 45	7	6	34	0	0
4	27 Aug 45-- 8 Sep 45	16	13	47	3	3

## ENLISTED INSTRUMENT REPAIR AND MAINTENANCE COURSE

Purpose: To qualify selected enlisted men of field artillery observation battalions as technicians in second and third echelon maintenance of the 20 second transit, flash ranging instruments, and metro-optical instruments.

Scope. Maintenance, cleaning, and adjustment of instruments, and replacement of damaged parts. All instruction is practical, requiring individual student participation. Detailed instruction in disassembly, cleaning, lubrication, repair, adjustment and reassembly of the field artillery aiming circle, theodolite, binocular flash-spotting instrument, and transit.

Prerequisites. Enlisted man must have desire to attend course; character rating of Excellent; grammar school education or equivalent; be from field artillery observation battalion; graduate of Enlisted Survey Course at Field Artillery School or have appropriate experience in field artillery observation battalion in care and operation of instruments.

Comments. In October 1943 headquarters AGF advised that the Engineer Maintenance School would train artillery personnel in maintenance of the transit and that the Signal Corps would continue to train maintenance technicians in Sound Ranging Set GR-3-C.

A conference of field artillery observation battalion commanders requested that short courses be provided at FAS to train selected personnel from their units in (1) instrument repair and maintenance, and (2) sound ranging equipment repair and maintenance. They were unanimous in their opinion that such instruction was badly needed.

By this time, the Corps of Engineers and the Signal Corps no longer conducted the maintenance courses referred to above. This was called to the attention of AGF and authority requested to conduct the 2 short courses mentioned. This request was approved, and the courses started on 5 June 1944.

In forwarding the approval of AGF, headquarters R&SC expressed the opinion that 3 classes in each course would meet current requirements. However, the courses were conducted for approximately a year and a half, with graduates as follows:

Enlisted Instrument Repair and Maintenance Course--334  
 Enlisted Sound Ranging Equipment Repair and Maintenance  
 Course--180

Without such training as this course provided, field artillery observation battalions normally did not have personnel equipped by training and experience to keep their instruments properly adjusted and maintained. Consequently, in the field, instruments were not always in the best possible adjustment. Furthermore, instruments needing repairs had to be sent back to ordnance units in the rear echelons, thus keeping the instruments out of service for extended periods and requiring the time of personnel, with transportation, to convey them there and return them.

<u>Classes</u>		<u>Dates</u>			<u>Duration</u>	
No. 1 to No. 32		5 Jun 44--13 Oct 45			2 weeks	
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	5 Jun 44--17 Jun 44	15	15	15	0	0
2	19 Jun 44-- 1 Jul 44	10	10	25	0	0
3	1 Jul 44--14 Jul 44	8	12	37	0	0
4	17 Jul 44--29 Jul 44	12	12	49	0	0
5	5 Aug 44--15 Aug 44	11	11	60	0	0
6	2 Oct 44--14 Oct 44	15	15	75	0	0
7	16 Oct 44--28 Oct 44	17	16	91	0	0
8	30 Oct 44--11 Nov 44	16	15	106	1	1
9	13 Nov 44--25 Nov 44	16	16	122	0	1
10	27 Nov 44-- 7 Dec 44	15	15	137	0	1
11	11 Dec 44--25 Dec 44	16	16	153	0	1
12	23 Dec 44-- 5 Jan 45	15	15	168	0	1
13	6 Jan 45--20 Jan 45	14	14	182	0	1
14	22 Jan 45-- 3 Feb 45	14	14	196	0	1
15	5 Feb 45--17 Feb 45	19	19	215	0	1
16	19 Feb 45-- 3 Mar 45	15	15	230	0	1
17	5 Mar 45--17 Mar 45	13	13	243	0	1
18	16 Mar 45--31 Mar 45	15	14	257	1	2
19	Cancelled					
20	16 Apr 45--28 Apr 45	15	14	271	1	3
21	Cancelled					
22	14 May 45--26 May 45	11	11	282	0	3
23	Cancelled					
24	11 Jun 45--23 Jun 45	8	13	295	0	3
25	Cancelled					

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
26	9 Jul 45--21 Jul 45	10	10	305	0	3
27	Cancelled					
28	6 Aug 45--18 Aug 45	7	7	312	0	3
29	Cancelled					
30	Cancelled					
31	Cancelled					
32	1 Oct 45--13 Oct 45	12	12	324	0	3
33	Cancelled					
34	Cancelled					
35	Cancelled					
36	26 Nov 45-- 7 Dec 45	3	10	334	0	3

**ENLISTED SOUND RANGING EQUIPMENT  
REPAIR AND MAINTENANCE COURSE**

**Purpose.** To qualify selected enlisted men of field artillery observation battalions as technicians in second and third echelon maintenance of Sound Ranging Set GR-3-C and related equipment.

**Scope:** Practical instruction in disassembly, cleaning, lubrication, repair, adjustment, and reassembly of the field artillery sound ranging equipment which includes microphones, sound recorder, and electrical transmission elements; use of test sets, proper use of tools and equipment furnished for servicing of sound ranging equipment.

**Prerequisites:** Enlisted man must have desire to attend course; character rating of Excellent; grammar school education or equivalent; minimum AGCT score of 90; graduate of Enlisted Sound Ranging Course at Field Artillery School or appropriate experience in sound ranging platoon of field artillery observation battalion.

**Comments:** A companion course was the Enlisted Instrument Repair and Maintenance Course.

<u>Classes</u>		<u>Dates</u>			<u>Duration</u>	
No. 1 to No. 31		5 Jun 44--26 Oct 45			2 weeks	
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	5 Jun 44--17 Jun 44	15	15	15	0	0
2	19 Jun 44-- 1 Jul 44	15	15	30	0	0
3	1 Jul 44--14 Jul 44	10	12	42	0	0
4	17 Jul 44--29 Jul 44	5	5	47	0	0
5	2 Oct 44--14 Oct 44	10	8	55	0	0
6	16 Oct 44--28 Oct 44	12	11	66	1	1
7	13 Nov 44--25 Nov 44	12	12	78	0	1
8	11 Dec 44--25 Dec 44	15	15	93	0	1
9	Cancelled					
10	Cancelled					
11	6 Jan 45--20 Jan 45	7	7	100	0	1
12	Cancelled					
13	5 Feb 45- 17 Feb 45	8	8	108	0	1

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
14	19 Feb 45-- 3 Mar 45	6	6	114	0	1
15	5 Mar 45--17 Mar 45	9	9	123	0	1
16	Cancelled					
17	Cancelled					
18	16 Apr 45--28 Apr 45	6	6	129	0	1
19	Cancelled					
20	14 May 45--26 May 45	8	8	137	0	1
21	Cancelled					
22	11 Jun 45--23 Jun 45	7	10	147	0	1
23	Cancelled					
24	9 Jul 45--21 Jul 45	5	5	152	0	1
25	23 Jul 45-- 4 Aug 45	14	10	162	0	1
26	13 Aug 45--25 Aug 45	16	13	175	2	3
27	20 Aug 45-- 1 Sep 45	2	2	177	0	3
28	Cancelled					
29	Cancelled					
30	Cancelled					
31	15 Oct 45--26 Oct 45	3	3	180	0	3

## ENLISTED SURVEY COURSE

**Purpose:** To qualify noncommissioned officers of field artillery observation battalions for duty in survey sections; to give them a working knowledge of survey techniques and procedures employed in field artillery observation battalion.

**Scope** Includes instruction on equipment and fundamentals of survey, including such specialized subjects as astronomic observations, grid systems, and survey planning. Emphasis on practical instruction in technique of survey.

**Prerequisites:** Enlisted man must have desire to attend course; character rating of Excellent; high school graduate or equivalent; minimum AGCT score of 90; background in mathematics; experience in computing and in the use of survey instruments; priority given to students from field artillery observation battalions.

**Comments:** The course was conducted by the Department of Observation.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>				
No. 1 to No. 30	24 May 43--14 Dec 45	4 weeks				
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates No.</u>	<u>Total</u>	<u>Failures No.</u>	<u>Total</u>
1	24 May 43--18 Jun 43	27	24	24	2	2
2	21 Jun 43--17 Jul 43	33	31	55	2	4
3	26 Jul 43--21 Aug 43	30	29	84	1	5
4	23 Aug 43--18 Sep 43	27	27	111	0	5
5	27 Sep 43--23 Oct 43	33	32	143	1	6
6	25 Oct 43--20 Nov 43	30	30	173	0	6
7	29 Nov 43--25 Dec 43	29	29	202	0	6
8	27 Dec 43--22 Jan 44	26	25	227	0	6
9	31 Jan 44--26 Feb 44	41	40	267	0	6
10	28 Feb 44--25 Mar 44	30	29	296	0	6
11	3 Apr 44--29 Apr 44	30	29	325	0	6
12	1 May 44--27 May 44	34	34	359	0	6
13	5 Jun 44-- 1 Jul 44	30	30	389	0	6
14	1 Jul 44--29 Jul 44	33	32	421	0	6
15	5 Aug 44-- 5 Sep 44	30	29	450	1	7
16	2 Sep 44--30 Sep 44	75	67	517	7	14

<u>Class</u>	<u>Date</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
17	9 Oct 44-- 4 Nov 44	37	34	551	3	17
18	6 Nov 44-- 2 Dec 44	49	44	595	5	22
19	9 Dec 44-- 7 Jan 45	56	48	643	7	29
20	8 Jan 45-- 3 Feb 45	46	39	682	5	34
21	12 Feb 45--10 Mar 45	38	34	716	1	35
22	12 Mar 45-- 7 Apr 45	26	25	741	1	36
23	16 Apr 45--12 May 45	32	31	772	0	36
24	14 May 45-- 9 Jun 45	30	30	802	0	36
25	18 Jun 45--14 Jul 45	27	28	830	2	38
26	16 Jul 45--11 Aug 45	23	20	850	3	41
27	20 Aug 45--15 Sep 45	17	14	864	0	41
28	17 Sep 45--13 Oct 45	8	9	873	0	41
29	22 Oct 45--16 Nov 45	4	7	880	1	42
30	19 Nov 45--14 Dec 45	24	18	898	6	48

## AIR FORCE WEATHER OFFICERS' COURSE

Purpose: To familiarize a specified group of AAF weather officers with the field artillery, with particular reference to information needed by a weather officer.

Scope: Organization, equipment, logistics, and the employment of the basic combat team in attack and in defense, with particular reference to the field artillery elements. Conferences on meteorological topics.

Prerequisites: Student officers specially selected by CG AAF.

Comments: It was originally intended to send a total of approximately 120 officers to this course, but the number actually sent was 83.

These officers received indoctrination training from the Chemical Warfare Service and at The Infantry School, as well as at FAS.

No grades. No certificates issued.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>	
No. 1	6 Dec 43--18 Dec 43	2 weeks	
No. 2	27 Dec 43-- 8 Jan 44	2 weeks	

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	6 Dec 43--18 Dec 43	42	42		0	0
2	27 Dec 43-- 8 Jan 44	41	83		0	0

OFFICER SPECIALIST COURSE (COMMUNICATION)

AND

OFFICERS' COMMUNICATION COURSE

Purpose: To qualify officers to perform duties of field artillery communication officer.

Scope. Includes study of field artillery communication systems; characteristics, capabilities, installation, operation and maintenance of signal equipment issued to field artillery units; message handling; signal security; map reading; use of codes and ciphers; methods of instruction and training; general review of tactical employment of field artillery; review of fire direction technique with special emphasis on communication facilities used for fire direction.

Prerequisites: Within age-in-grade restrictions. It is desirable that students be graduates of the Officers' Basic Course or the Officer Candidate Course at a service school, but not mandatory.

Comments:

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 16 (OSCC)	1 Aug 40--20 Nov 42	12 weeks
No. 17 to No. 68 (OCC)	28 Sep 42--17 Nov 45	12 weeks

Officer Specialist Course (Communication)

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	1 Aug 40--23 Oct 40	28	28	28	0	0
2	1 Nov 40--30 Jan 41	29	29	57	0	0
3	10 Feb 41-- 3 May 41	28	27	84	1	1
4	12 May 41-- 3 Aug 41	32	34	118	1	2
5	11 Aug 41--31 Oct 41	35	35	153	0	2
6	3 Nov 41--31 Jan 42	35	32	185	0	2
7	15 Dec 41--13 Mar 42	20	19	204	0	2
8	19 Jan 42--10 Apr 42	22	19	223	2	4
9	16 Feb 42-- 8 May 42	27	27	250	0	4
10	16 Mar 42-- 5 Jun 42	30	28	278	0	4
11	13 Apr 42-- 3 Jul 42	30	29	307	0	4
12	11 May 42-- 1 Aug 42	32	29	336	1	5

Class	Dates	Orig.	Graduates		Failures	
		Enr.	No.	Total	No.	Total
13	8 Jun 42--28 Aug 42	37	33	369	0	5
14	6 Jul 42--25 Sep 42	29	25	394	0	5
15	3 Aug 42--23 Oct 42	32	32	426	0	5
16	31 Aug 42--20 Nov 42	68	64	490	3	8

Officers' Communication Course

17	28 Sep 42--18 Dec 42	61	61	551	0	8
18	26 Oct 42--15 Jan 43	60	59	610	0	8
19	23 Nov 42--12 Feb 43	61	56	666	0	8
20	21 Dec 42--12 Mar 43	66	65	731	2	10
21	18 Jan 43-- 9 Apr 43	66	52	783	0	10
22	15 Feb 43-- 8 May 43	67	70	853	0	10
23	15 Mar 43-- 5 Jun 43	62	62	915	0	10
24	12 Apr 43-- 3 Jul 43	61	58	973	0	10
25	10 May 43--31 Jul 43	61	63	1036	0	10
26	7 Jun 43--28 Aug 43	61	53	1089	3	13
27	5 Jul 43--25 Sep 43	63	62	1151	0	13
28	2 Aug 43--23 Oct 43	63	62	1213	0	13
29	30 Aug 43--20 Nov 43	61	61	1274	0	13
30	27 Sep 43--18 Dec 43	65	64	1338	0	13
31	25 Oct 43--15 Jan 44	60	58	1396	0	13
32	22 Nov 43--12 Feb 44	60	56	1452	0	13
33	20 Dec 43--11 Mar 44	58	55	1507	0	13
34	17 Jan 44-- 8 Apr 44	54	54	1561	0	13
35	31 Jan 44--22 Apr 44	44	37	1598	1	14
36	14 Feb 44-- 6 May 44	39	38	1636	0	14
37	28 Feb 44--20 May 44	41	40	1676	0	14
38	13 Mar 44-- 3 Jun 44	38	40	1716	0	14
39	27 Mar 44--17 Jun 44	40	38	1754	0	14
40	10 Apr 44-- 1 Jul 44	41	39	1793	0	14
41	24 Apr 44--15 Jul 44	40	40	1833	0	14
42	8 May 44--29 Jul 44	38	38	1871	0	14
43	22 May 44--12 Aug 44	41	37	1908	0	14
44	5 Jun 44--26 Aug 44	39	37	1945	0	14
45	19 Jun 44-- 9 Sep 44	40	36	1981	0	14
46	3 Jul 44--23 Sep 44	31	29	2010	0	14
47	17 Jul 44-- 7 Oct 44	36	33	2043	0	14
48	31 Jul 44--21 Oct 44	32	29	2072	0	14
49	14 Aug 44-- 4 Nov 44	36	32	2104	0	14
50	28 Aug 44--18 Nov 44	44	42	2146	0	14
51	11 Sep 44-- 2 Dec 44	30	30	2176	0	14
52	25 Sep 44--16 Dec 44	36	30	2206	0	14

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
53	9 Oct 44--30 Dec 44	18	23	2229	0	14
54	Cancelled					
55	6 Nov 44--27 Jan 45	27	25	2254	0	14
56	Cancelled					
57	4 Dec 44--24 Feb 45	23	22	2276	0	14
58	Cancelled					
59	1 Jan 45--*					
60	15 Jan 45-- 7 Apr 45	20	23	2299	0	14
61	12 Feb 45-- 5 May 45	6	6	2305	0	14
62	12 Mar 45-- 2 Jun 45	18	20	2325	0	14
63	9 Apr 45--30 Jun 45	10	10	2335	0	14
64	7 May 45--28 Jul 45	15	9	2344	0	14
65	4 Jun 45--25 Aug 45	28	17	2361	0	14
66	Cancelled					
67	Cancelled					
68	27 Aug 45--17 Nov 45	27	11	2372	0	14

\* The 5 officers remaining in Class No. 59 on 29 Jan 45 were transferred to Class No. 60 on that date.

ENLISTED SPECIALIST COURSE (COMMUNICATION)

AND

ENLISTED COMMUNICATION COURSE

Purpose: To train enlisted men for duty as communication specialists in field artillery units.

Scope. Effective for the first 20 classes (Class No. 20 finished 4 July 1942), all students received the same training throughout the course: wire communication; radio communication; communication systems; message center; visual communication; map and air photo reading; fire direction; communication exercises.

Beginning with Class No. 21 (11 May 1942), all students received the same instruction for the first 4 weeks of the course; communication and allied subjects which should be known by all members of a headquarters battery, including map reading, message center, fire direction, camouflage, and intelligence. At the beginning of the fifth week, the class was divided into a wire section and a radio section, the students being assigned according to their abilities and probable future duties. The second 4 weeks period was devoted to technical instruction in wire equipment and radio equipment, respectively. The last 4 weeks period was devoted to practical instruction in the use of wire or radio equipment, with special emphasis on field exercises.

Allotment of Hours by Subject (Classes Nos. 21-34)

	Basic	Technical		Practical		Total	
	Phase	Phase		Phase		Hours	
	1st Mo.	2d Mo.	3d Mo.				
Ent							
Cl	WS*	RS**	WS	RS	WS	RS	
Comm. exer.			61	61	61	61	
Comm. sys.	15		10	10	25	25	50
Fire dir.		21	8			21	8
Fundamentals of radio			125		16		141
General	11			24	6	35	17
Map and air-photo reading	30					30	30
Mag. cen.	30	7		7	7	44	37
Methods of instr. & tng.	4					4	4
Radio comm.	54		43		51	54	148
Visual comm.				22	15	22	15
Wire comm.	32	148		52		232	32
<b>TOTALS</b>	<b>176</b>	<b>176</b>	<b>186</b>	<b>176</b>	<b>181</b>	<b>528</b>	<b>543</b>

\* Wire Section

\*\* Radio Section

Starting with Class No. 35 (7 Jun 1943), all students received the same instruction for the first four weeks, as before, but beginning with the fifth week, the class was divided into three sections: wire section, radio section I, and radio section II. The latter two sections came to be known as Radio I and Radio II. The students selected for assignment to the radio sections were divided in accordance with their aptitudes and probable future assignments: Radio I--training as radio operators; Radio II--special instruction in fundamentals of radio preparatory to enrollment in the Enlisted Radio Repairman Course; this instruction was of no practical value to the student unless he was subsequently enrolled in the Radio Repairman Course.

Allotment of Hours by Subject (Classes No. 35-43)

<u>Subjects</u>	<u>Wire Section</u>	<u>Radio Operators</u>	
		<u>Section No. 1</u>	<u>Section No. 2</u>
Comm. field exer.	51*	51*	51*
Comm. sys.	24	24	16
Fire dir.	28	13	--
Fundamentals of radio	--	--	138
General	10	10	10
Map reading	40	31	31
Msg handling	42	40	30
Methods of instr. and tng.	4	4	4
Motor trans.	12	--	--
Radio code	25	159	112
Radio comm.	25	120	75
Visual comm.	35	28	19
Wire comm.	232	48	42
<b>TOTALS</b>	<b>528*</b>	<b>528*</b>	<b>528*</b>

\* 34 hours extra time (night exercises) not included.

Effective with Class No. 44. (31 January 1944), the basic phase was changed from 4 weeks to 2 weeks, and the classes were divided into sections at end of the second week.

Commencing with Class No. 73 (7 May 1945), a further change was made. In communication dated 5 March 1945, headquarters AGF advised that the primary purpose of enlisted communication courses was to train radio operators; that the training of field linemen (wiremen) was a mission of replacement training centers. Therefore, it was directed that the training of field linemen in the Enlisted Communication Course be discontinued. It was further directed that the screening process be continuous, and if after a reasonable period of time it was clearly determined that a student in Radio I could not be qualified as a radio operator, he should be returned to his organization; or, if attached unassigned, he could be reported in his basic MOS for reassignment.

Thereafter, all students in the course received the same instruction for the first 2 weeks, or basic phase. Then, at the beginning of the third week, the class was divided into 2 sections only--Radio I and Radio II.

In classes No. 21 to No. 72, if students did not possess the necessary code aptitude for Radio I at the end of the basic phase, they were sent to the Wire Section (even if originally sent to the School to receive radio instruction). Upon completion of the course, they were returned to their units well qualified for duty in the communication detail, except as code operators. In many instances, commanding officers would send their field linemen to take Radio I in order to have more all-around communication specialists in their organizations.

When the Wire Section was eliminated, the student found to have a very low order of code aptitude was returned to his organization. However, the borderline cases were enrolled in Radio I, and every effort was made to qualify them as radio operators.

To qualify for graduation in Radio I, it is necessary for a student to meet the specifications for Military Occupational Specialty (MOS) 776, Radio Operator, Low Speed. Among other things, this MOS requires the attainment of a code speed of 13 words per minute.

In the cases of students who satisfactorily complete the course with the exception of the code speed requirement, the School adopted the practice of sending the following letter to the student's commanding officer:

1. Private John Doe was not graduated from the Enlisted Communication Course, Radio Operator Section at this School because of failure to meet the specifications for MOS 776 as outlined in TM 12-427.

2. This enlisted man passed other subjects of the course satisfactorily and should be of value in a communication detail in any capacity except as a radio-telegraph operator.

It goes without saying that many such men with the necessary ambition could, with practice, eventually attain the necessary code speed to function as radio-telegraph operators, once they had returned to their organizations.

The program of instruction was again revamped to conform to the 40 hour week prescribed by the War Department. This change was effective 15 October 1945. The duration of the course remained at 12 weeks, but the number of hours available for instruction was reduced to 480, as compared to 528 (or 576, if all Saturday afternoons were used) previously in effect.

Prerequisites: Enlisted man must have desire to attend the course; character rating of Excellent; grammar school education or its equivalent; minimum AGCT score of 90; assigned to field artillery unit or intended for such assignment.

Comments: Unlike most other courses in the School, no classes were cancelled from Class No. 1 (started 10 July 1940) to Class No. 78 (ended 14 December 1945). This course, in its war-time form, ran until 20 March 1946.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 23 (ESCC)	10 Jul 40--26 Sep 42	12 weeks
No. 24 to No. 81 (ECC)	3 Aug 42--20 Mar 46	12 weeks

Enlisted Specialist Course (Communication)

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	10 Jul 40--1 Oct 40	158	154	154	3	3
2	8 Oct 40--3 Jan 41	145	133	287	12	15
3	9 Dec 40--8 Mar 41	104	94	381	5	20
4	6 Jan 41--29 Mar 41	98	91	472	1	21
5	10 Feb 41--3 May 41	128	116	588	4	25
6	10 Mar 41--31 May 41	161	149	737	4	29
7	7 Apr 41--28 Jun 41	149	144	881	1	30
8	5 May 41--26 Jul 41	148	136	1017	0	30
9	2 Jun 41--23 Aug 41	143	132	1149	2	32
10	30 Jun 41--20 Sep 41	148	142	1291	1	33
11	28 Jul 41--18 Oct 41	150	138	1429	0	33
12	25 Aug 41--15 Nov 41	137	129	1558	1	34
13	22 Sep 41--15 Dec 41	145	139	1697	0	34
14	20 Oct 41--17 Jan 42	142	137	1834	1	35
15	17 Nov 41--14 Feb 42	144	138	1972	0	35
16	15 Dec 41--14 Mar 42	149	146	2118	0	35
17	19 Jan 42--11 Apr 42	147	143	2261	0	35
18	16 Feb 42--9 May 42	147	140	2401	0	35
19	16 Mar 42--6 Jun 42	156	150	2551	1	36
20	13 Apr 42--4 Jul 42	155	155	2706	1	37
21	11 May 42--1 Aug 42	147	145	2851	1	38
22	8 Jun 42--29 Aug 42	150	146	2997	1	39
23	6 Jul 42--26 Sep 42	154	142	3139	4	43

Enlisted Communication Course

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
24	3 Aug 42--24 Oct 42	156	149	3288	2	45
25	31 Aug 42--21 Nov 42	155	154	3442	2	47
26	28 Sep 42--19 Dec 42	147	142	3584	3	50
27	29 Oct 42--16 Jan 43	153	143	3727	3	53
28	23 Nov 42--13 Feb 43	153	143	3870	4	57
29	21 Dec 42--13 Mar 43	162	150	4020	5	62
30	18 Jan 43--10 Apr 43	156	146	4166	0	62
31	15 Feb 43-- 8 May 43	155	140	4306	1	63
32	15 Mar 43-- 5 Jun 43	158	155	4461	1	64
33	12 Apr 43-- 3 Jul 43	156	146	4607	0	64
34	10 May 43--31 Jul 43	153	143	4750	0	64
35	7 Jun 43--28 Aug 43	151	139	4889	1	65
36	5 Jul 43--25 Sep 43	150	137	5026	0	65
37	2 Aug 43--23 Oct 43	150	140	5166	0	65
38	30 Aug 43--20 Nov 43	151	142	5308	1	66
39	27 Sep 43--18 Dec 43	144	137	5445	0	66
40	25 Oct 43--15 Jan 44	155	151	5596	0	66
41	22 Nov 43--12 Feb 44	154	147	5743	0	66
42	20 Dec 43--11 Mar 44	152	143	5886	0	66
43	17 Jan 44-- 8 Apr 44	130	125	6011	0	66
44	31 Jan 44--22 Apr 44	122	116	6127	0	66
45	14 Feb 44-- 6 May 44	120	112	6239	1	67
46	28 Feb 44--20 May 44	113	106	6345	1	68
47	13 Mar 44-- 3 Jun 44	148	139	6484	0	68
48	27 Mar 44--17 Jun 44	140	133	6617	0	68
49	10 Apr 44-- 1 Jul 44	152	153	6770	0	68
50	24 Apr 44--15 Jul 44	143	139	6909	0	68
51	8 May 44--29 Jul 44	144	140	7049	0	68
52	22 May 44--12 Aug 44	150	150	7199	0	68
53	5 Jun 44--26 Aug 44	151	125	7324	0	68
54	19 Jun 44-- 9 Sep 44	159	147	7471	0	68
55	3 Jul 44--23 Sep 44	149	144	7615	0	68
56	15 Jul 44-- 7 Oct 44	130	119	7734	0	68
57	31 Jul 44--21 Oct 44	137	115	7849	0	68
58	14 Aug 44-- 4 Nov 44	126	118	7967	0	68
59	28 Aug 44--18 Nov 44	130	115	8082	0	68
60	11 Sep 44-- 2 Dec 44	111	94	8176	1	69
61	25 Sep 44--16 Dec 44	143	135	8311	0	69
62	7 Oct 44--30 Dec 44	103	85	8396	0	69
63	23 Oct 44--13 Jan 45	78	69	8465	0	69
64	6 Nov 44--27 Jan 45	110	101	8566	0	69

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
65	20 Nov 44--10 Feb 45	96	94	8660	0	69
66	4 Dec 44--24 Feb 45	124	115	8775	0	69
67	18 Dec 44--10 Mar 45	114	111	8886	0	69
68	1 Jan 45--24 Mar 45	101	95	8981	0	69
69	15 Jan 45-- 7 Apr 45	56	52	9033	0	69
70	12 Feb 45-- 5 May 45	128	66	9099	0	69
70-A	26 Feb 45--19 May 45	68	28	9127	1	70
71	12 Mar 45-- 2 Jun 45	89	107	9234	3	73
72	9 Apr 45--30 Jun 45	51	33	9267	3	76
73	7 May 45--28 Jul 45	115	79	9346	25	101
74	4 Jun 45--25 Aug 45	172	99	9445	2	103
75	2 Jul 45--22 Sep 45	122	116	9561	4	107
76	30 Jul 45--19 Oct 45	163	137	9698	8	115
77	27 Aug 45--16 Nov 45	135	116	9814	12	127
78	24 Sep 45--14 Dec 45	138	88	9902	16	143
79	Cancelled					
80	19 Nov 45--20 Feb 46	116	90	9992	10	153
81	17 Dec 45--20 Mar 46	132	70	10062	7	160

ENLISTED SPECIALIST COURSE (RADIO MECHANICS)

AND

ENLISTED RADIO REPAIRMAN COURSE

Purpose. To qualify enlisted men in maintenance and repair of field artillery radio equipment.

Scope: Practical instruction in operation, adjustment, circuit tracing, trouble shooting, testing, and repair of field artillery radio sets; use of tools; practical construction of communication equipment; airplane radio set installation.

Prerequisites: Enlisted man must have desire to attend the course; character rating of Excellent; grammar school education or equivalent; minimum score of 100 on AGCT and MAT; graduate of Enlisted Communication Course at service school or equivalent civilian or military experience; aptitude for repair and maintenance of radio equipment; inclination to thoroughness and precision.

Comments: The Radio II section of the Enlisted Communication Course was designed as a preparatory course for the Radio Repairman Course.

This course was noted for its very efficient "production line" method of instruction whereby the student progressed through successive steps in radio repair by moving from one station to another. Each stage was equipped with appropriate equipment and presided over by an instructor who was a specialist in his particular step. The student "learned by doing."

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 30 (ESCRM)	15 Dec 41--23 Oct 43	4 weeks
No. 31 to No. 71 (ERRC)	4 Oct 43- 5 Aug 44	4 weeks
No. 72 to No. 128 (ERRC)	17 Jul 44-- 8 Feb 46	5 weeks

Enlisted Specialist Course (Radio Mechanics)

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	15 Dec 41--17 Jan 42	21	21	21	0	0
2	19 Jan 42--14 Feb 42	21	21	42	0	0
3	16 Feb 42--14 Mar 42	21	21	63	0	0
4	16 Mar 42--11 Apr 42	21	21	84	0	0
5	13 Apr 42-- 9 May 42	29	20	104	0	0
6	11 May 42-- 6 Jun 42	18	20	124	0	0
7	8 Jun 42-- 4 Jul 42	20	20	144	0	0
8	6 Jul 42-- 1 Aug 42	20	21	165	0	0
9	3 Aug 42--29 Aug 42	21	21	186	0	0
10	31 Aug 42--26 Sep 42	20	20	206	0	0
11	28 Sep 42--24 Oct 42	20	20	226	0	0
12	26 Oct 42--21 Nov 42	27	26	252	0	0
12A	2 Nov 42--21 Nov 42	19	19	271	0	0
13	23 Nov 42--19 Dec 42	38	30	301	8	8
14	21 Dec 42--16 Jan 43	44	35	336	5	13
15	18 Jan 43--13 Feb 43	47	43	379	1	14
16	15 Feb 43--13 Mar 43	50	44	423	2	16
17	15 Mar 43--10 Apr 43	52	49	472	0	16
18	12 Apr 43-- 8 May 43	45	40	512	1	17
19	10 May 43-- 5 Jun 43	49	47	559	2	19
19A	17 May 43-- 7 Jun 43	9	9	568	0	19
19B	18 May 43-- 8 Jun 43	10	10	578	0	19
19C	19 May 43-- 9 Jun 43	7	7	585	0	19
20	7 Jun 43-- 3 Jul 43	47	43	628	1	20
21	21 Jun 43--17 Jul 43	40	39	667	1	21
22	5 Jul 43--31 Jul 43	47	45	712	1	22
23	19 Jul 43--14 Aug 43	34	34	746	6	28
Sp 1	26 Jul 43--21 Aug 43	33	32	778	0	28
24	2 Aug 43--28 Aug 43	39	37	815	2	30
25	16 Aug 43--11 Sep 43	39	38	853	2	32
Sp 2	30 Aug 43--25 Sep 43	14	13	866	0	32
Sp 3	3 Sep 43--30 Sep 43	21	22	888	0	32
26	30 Aug 43--25 Sep 43	30	30	918	0	32
27	6 Sep 43-- 2 Oct 43	19	15	933	0	32
28	13 Sep 43-- 9 Oct 43	30	29	962	0	32
29	20 Sep 43--16 Oct 43	20	19	981	0	32
30	27 Sep 43--23 Oct 43	30	29	1010	0	32

Enlisted Radio Repairman Course

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
31	4 Oct 43--30 Oct 43	29	28	1038	0	32
32	11 Oct 43--6 Nov 43	28	28	1066	0	32
33	18 Oct 43--13 Nov 43	27	27	1093	1	33
34	25 Oct 43--20 Nov 43	31	30	1123	0	33
35	1 Nov 43--27 Nov 43	28	24	1147	2	35
36	8 Nov 43--4 Dec 43	29	29	1176	0	35
37	15 Nov 43--11 Dec 43	23	22	1198	0	35
38	22 Nov 43--18 Dec 43	30	30	1228	0	35
39	29 Nov 43--25 Dec 43	26	24	1252	0	35
40	6 Dec 43--1 Jan 44	31	29	1281	0	35
41	13 Dec 43--8 Jan 44	29	28	1309	0	35
42	20 Dec 43--15 Jan 44	29	30	1339	0	35
43	27 Dec 43--22 Jan 44	21	22	1361	1	36
44	3 Jan 44--29 Jan 44	32	31	1392	0	36
45	10 Jan 44--5 Feb 44	30	29	1421	0	36
46	17 Jan 44--12 Feb 44	28	29	1450	0	36
47	24 Jan 44--19 Feb 44	26	26	1476	0	36
48	31 Jan 44--26 Feb 44	30	29	1505	0	36
48Sp	2 Feb 44--1 Mar 44	20	20	1525	0	36
49	7 Feb 44--4 Mar 44	26	28	1553	0	36
50	14 Feb 44--11 Mar 44	55	55	1608	0	36
51	21 Feb 44--18 Mar 44	55	51	1659	2	38
52	28 Feb 44--25 Mar 44	54	44	1703	0	38
53	6 Mar 44--1 Apr 44	57	49	1752	0	38
54	13 Mar 44--8 Apr 44	26	31	1783	0	38
55	20 Mar 44--15 Apr 44	38	50	1833	2	40
56	27 Mar 44--22 Apr 44	56	53	1886	0	40
57	3 Apr 44--29 Apr 44	49	50	1936	0	40
58	10 Apr 44--6 May 44	55	48	1984	0	40
59	17 Apr 44--13 May 44	70	65	2049	0	40
60	24 Apr 44--20 May 44	36	45	2094	1	41
61	1 May 44--27 May 44	52	48	2142	0	41
62	8 May 44--3 Jun 44	40	39	2181	0	41
63	15 May 44--10 Jun 44	55	45	2226	0	41
64	22 May 44--17 Jun 44	34	40	2266	0	41
65	29 May 44--24 Jun 44	53	53	2319	0	41
66	5 Jun 44--1 Jul 44	44	54	2373	0	41
67	12 Jun 44--8 Jul 44	50	52	2425	0	41
68	19 Jun 44--15 Jul 44	59	55	2480	0	41
69	26 Jun 44--22 Jul 44	46	48	2528	0	41
70	3 Jul 44--29 Jul 44	70	69	2597	0	41

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
71	10 Jul 44-- 5 Aug 44	49	47	2644	0	41
72	17 Jul 44--19 Aug 44	54	55	2699	0	41
73	24 Jul 44--26 Aug 44	54	55	2754	0	41
74	31 Jul 44-- 2 Sep 44	53	52	2806	0	41
75	7 Aug 44-- 9 Sep 44	54	53	2859	0	41
76	14 Aug 44--16 Sep 44	48	50	2909	0	41
77	21 Aug 44--23 Sep 44	57	56	2965	0	41
78	28 Aug 44--30 Sep 44	33	33	2998	0	41
79	4 Sep 44-- 7 Oct 44	42	42	3040	0	41
80	11 Sep 44--14 Oct 44	43	44	3084	0	41
81	18 Sep 44--21 Oct 44	63	58	3142	0	41
82	25 Sep 44--28 Oct 44	50	48	3190	0	41
83	2 Oct 44-- 4 Nov 44	51	48	3238	0	41
84	9 Oct 44--11 Nov 44	37	36	3274	0	41
85	16 Oct 44--18 Nov 44	57	51	3325	1	42
86	23 Oct 44--25 Nov 44	32	27	3352	0	42
87	30 Oct 44-- 2 Dec 44	37	37	3389	0	42
88	6 Nov 44-- 9 Dec 44	41	41	3430	0	42
89	13 Nov 44--16 Dec 44	49	49	3479	0	42
90	20 Nov 44--23 Dec 44	48	44	3523	0	42
91	27 Nov 44--30 Dec 44	44	38	3561	4	46
92	4 Dec 44-- 6 Jan 45	24	27	3588	0	46
93	11 Dec 44--13 Jan 45	62	45	3633	0	46
94	18 Dec 44--20 Jan 45	18	20	3653	0	46
95	25 Dec 44--27 Jan 45	55	45	3698	1	47
96	1 Jan 45-- 3 Feb 45	44	44	3742	0	47
96A	8 Jan 45--10 Feb 45	13	18	3760	1	48
97	15 Jan 45--17 Feb 45	46	41	3801	0	48
98	21 Jan 45--24 Feb 45	8	12	3813	0	48
99	28 Jan 45-- 3 Mar 45	57	55	3868	0	48
100	5 Feb 45--10 Mar 45	28	27	3895	0	48
101	12 Feb 45--17 Mar 45	33	36	3931	0	48
102	19 Feb 45--24 Mar 45	17	16	3947	0	48
103	26 Feb 45--31 Mar 45	29	32	3979	0	48
104	Cancelled					
105	12 Mar 45--14 Apr 45	69	57	4036	0	48
106	19 Mar 45--21 Apr 45	28	24	4060	0	48
107	26 Mar 45--28 Apr 45	28	27	4087	0	48
108	2 Apr 45-- 5 May 45	31	24	4111	0	48
109	9 Apr 45--12 May 45	9	9	4120	0	48
109A	16 Apr 45--19 May 45	11	11	4131	0	48
110	23 Apr 45--26 May 45	25	25	4156	1	49
110A	30 Apr 45-- 2 Jun 45	10	14	4170	0	49
111	7 May 45-- 9 Jun 45	28	25	4195	0	49

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
112	21 May 45--23 Jun 45	21	27	4222	0	49
113	4 Jun 45-- 7 Jul 45	23	25	4247	0	49
114	18 Jun 45--21 Jul 45	35	36	4283	0	49
115	2 Jul 45-- 4 Aug 45	23	21	4304	0	49
116A	23 Jul 45--25 Aug 45	8	10	4314	2	51
117	30 Jul 45-- 1 Sep 45	42	39	4353	2	53
118	13 Aug 45--15 Sep 45	30	17	4370	0	53
119	27 Aug 45--29 Sep 45	34	24	4394	0	53
120	10 Sep 45--13 Oct 45	28	41	4435	0	53
121	24 Sep 45--27 Oct 45	37	41	4476	0	53
122	8 Oct 45-- 9 Nov 45	24	26	4502	1	54
123	22 Oct 45--23 Nov 45	44	42	4544	0	54
124	5 Nov 45-- 7 Dec 45	32	30	4574	0	54
125	19 Nov 45--21 Dec 45	36	34	4608	0	54
126	3 Dec 45--16 Jan 46	23	21	4629	1	55
127	17 Dec 45--30 Jan 46	46	39	4668	0	55
128	7 Jan 46-- 8 Feb 46	33	22	4690	0	55

## OFFICERS' JASCO COURSE

Purpose: To train the officer members of the field artillery components, or shore fire control parties, of joint assault signal companies, organized to work with the Navy in joint amphibious operations.

Scope: Section I--Officers and liaison scout sergeants. Instruction includes: scope of amphibious operations; infantry weapons and tactics; forward observation; basic gunnery methods; technique of adjusting fire; combat intelligence; enemy doctrine; map and photo reading, military cryptography; installation and use of communication equipment; radio procedure; mines and booby traps.

Sections II & III--See Enlisted JASCO Course.

Prerequisites: Officers specially selected for assignment to joint assault signal companies.

Comments: No certificates were issued in this course.

### Class No. 1

The CG AGF, in a letter dated 22 September 1944, advised that 9 officers and 45 enlisted men had been directed to report to the Commandant, FAS, on or about 1 October 1944 to constitute the field artillery component (shore fire control party) of the 71st Joint Assault Signal Company:

<u>Number</u>	<u>Grade</u>	<u>MOS</u>
9	Captain or 1st Lieutenant	Forward Observer(1189)
9	Sergeant	Liaison Scout(761)
5	Technician 5th Grade	Lineman, Field(641)
13	Private	Lineman, Field(641)
9	Technician 4th Grade	Radio Operator(740)
9	Technician 5th Grade	Radio Operator(740)

FAS was directed to conduct refresher training in the Military Occupational Specialties of the personnel listed above in order that they would be prepared to join the 71st Joint Assault Signal Company at Fort Ord, California, on orders from AGF to be received on or about 25 October 1944.

The field linemen and radio operators were furnished by the FARTC, Fort Sill. Seventeen of the radio operators thus furnished were found to lack the necessary training for the assignment, so authority was obtained to substitute for them an equal number of attached unassigned students in the Enlisted Communication Course, Class No. 58, whose training had progressed far enough to qualify them for this duty. These men were withdrawn from Enlisted Communication Course, Class No. 58, at

the end of the eighth week and enrolled in the JASCO course. However, in view of the fact that they had satisfactorily completed 8 weeks of the 12 weeks Enlisted Communication Course, and the 4 weeks of JASCO training they received was of a similar nature, they were given certificates of proficiency in the Enlisted Communication Course, Class No. 58.

The liaison scout sergeants were sent in from other stations. Three of them lacked the necessary experience, and one was hospitalized. Four scout sergeants from School Troops were substituted.

It was finally determined that this entire group had to arrive at Fort Ord as soon after 15 November as possible. Ten days delay enroute had to be granted to the enlisted men to satisfy the existing furlough requirement for men destined for overseas; that is, 10 days at home plus travel time.

The 9 officers in this class were on temporary duty from FARTC, Fort Sill, and they were sent to Fort Ord on orders issued by that headquarters.

The enlisted men departed this station on 7 November 1944. While the period shown for the course was 10 Oct 44 to 24 Oct 44, instruction was continued until their departure.

#### Class No. 2

This class was made up of the shore fire control parties for 3 joint assault signal companies, each party consisting of 13 officers and 65 enlisted men (T/O strength). This was an increase over the strength of the 71st JASCO party, trained as Class No. 1. The actual number of enlisted men reporting for Class No. 2 was 188, or 7 short of the required number. This shortage was overcome by transferring men from School Troops, so that the parties departed this station full strength, although 7 men had not received the complete course training.

The 3 parties trained in this class joined the 595th JASCO, Camp Callan, California, and the 596th and 597th at Oceanside, California, respectively. These 3 companies were stationed at Fort Jackson, South Carolina, but moved to their new stations in California concurrently with the movement of the parties from Fort Sill.

The radio operators in this class were drawn for the most part from field artillery units in this country. The field linemen came directly from basic training at field artillery replacement training centers.

T/O & E 11-147S governed the organization of a joint assault signal company.

### Class No. 3

This class was made up of 13 officers and 65 enlisted men, comprising the shore fire control party of the 290th JASCO, Fort Jackson, South Carolina. The officers were furnished by FAS, from both assigned and attached unassigned.

The original plans for the disposition of this party were changed, and upon completion of the course, the officers were assigned to FARTC, Fort Sill, and the enlisted men were shipped to the 290th JASCO at Fort Jackson, South Carolina.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1	10 Oct 44--24 Oct 44	2 weeks
No. 2	29 Jun 45--27 Jul 45	4 weeks
No. 3	30 Jul 45--25 Aug 45	4 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>			<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>	
1	10 Oct 44-- 4 Nov 44	9	9	9	0	0	
2	29 Jun 45--27 Jul 45	52	51	60	0	0	
3	30 Jul 45--25 Aug 45	13	13	73	0	0	

## ENLISTED JASCO COURSE

Purpose. To train the enlisted members of the field artillery components, or shore fire control parties, of joint assault signal companies.

Scope. Section I--Officers and liaison scout sergeants. See Officers' JASCO Course.

Section II--Radio operators; communication systems; message handling; radio code and procedure; radio communication; visual signaling; wire communication; map and photo reading; infantry operations; mines and booby traps.

Section III--Field linemen. Same as Section II except radio code.

Prerequisites. Personnel already assigned, or specially selected for assignment, to joint assault signal companies. Should be qualified in MOS as follows: liaison scout sergeants--SSN 761; radio operators--SSN 740; field linemen--641.

Comments: See Officers' JASCO Course for details.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1	10 Oct 44--24 Oct 44	2 weeks
No. 2	29 Jun 45--27 Jul 45	4 weeks
No. 3	30 Jul 45--25 Aug 45	4 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	10 Oct 44-- 4 Nov 44	45	45	45	0	0
2	29 Jun 45--26 Jul 45	188	188	233	0	0
3	30 Jul 45--24 Aug 45	65	65	298	0	0

## OFFICERS' ODOGRAPH COURSE

Purpose. To qualify officers to supervise operation and maintenance of land model odograph.

Scope: Places emphasis on operation and maintenance of land model odographs, an instrument installed on a wheeled motor vehicle for recording distances and directions traveled and used for survey purposes. Also includes vehicular installation of odograph, basic electricity, and review of map reading.

Prerequisites: Officers must be well grounded in map reading and preferably have a knowledge of radio communication.

Comments: Officers and enlisted men trained as teams. (See Enlisted Odograph Course.)

The Odograph, Land, M-1, was a small and compact instrument for automatically plotting the course taken by a moving vehicle. The entire instrument consisted of (1) the compass, (2) the plotting unit, and (3) the power pack. The principal uses expected of it in the field artillery were for the running of traverses in survey operations and for reconnaissance and mapping.

The students sent to this course were not from field artillery units alone but also from units of other arms and branches, as well as the Navy. During the life of the course, 122 officers and 113 enlisted men were graduated.

Normally, students were sent from units as teams, each consisting of one officer and one enlisted man. It was contemplated that upon the return of the team to its unit, one additional man would be trained as assistant operation and maintenance man.

In a letter dated 25 June 1945, the Commandant recommended that all odograph instruction be concentrated at one service school, since several schools were offering the same course and the demand for quotas had diminished materially. Accordingly, the Officer and Enlisted Odograph Courses were discontinued at FAS, effective upon completion of Class No. 43. (No. 41 was actually the last class enrolled.) All odograph instruction was thereafter concentrated at the Cavalry School.

ClassesDatesDuration

No. 1 to No. 41

22 Nov 43--29 Jun 45

10 days

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	22 Nov 43-- 3 Dec 43	4	4	4	0	0
2	6 Dec 43--15 Dec 43	5	5	9	0	0
3	20 Dec 43--31 Dec 43	5	5	14	0	0
4	3 Jan 44--14 Jan 44	4	5	19	0	0
5	17 Jan 44--28 Jan 44	5	5	24	0	0
6	31 Jan 44--11 Feb 44	5	5	29	0	0
7	14 Feb 44--25 Feb 44	6	6	35	0	0
8	28 Feb 44--10 Mar 44	9	9	44	0	0
9	13 Mar 44--24 Mar 44	9	9	53	0	0
10	10 Apr 44--21 Apr 44	4	4	57	0	0
11	24 Apr 44-- 6 May 44	4	4	61	0	0
12	8 May 44--19 May 44	3	3	64	0	0
13	22 May 44-- 2 Jun 44	5	5	69	0	0
14	Cancelled					
15	19 Jun 44-- 1 Jul 44	3	3	72	0	0
16	Cancelled					
17	Cancelled					
18	Cancelled					
19	8 Aug 44--19 Aug 44	3	3	75	0	0
20	21 Aug 44-- 1 Sep 44	6	6	81	0	0
21	4 Sep 44--15 Sep 44	4	4	85	0	0
22	18 Sep 44--29 Sep 44	3	3	88	0	0
23	2 Oct 44--13 Oct 44	4	4	92	0	0
24	16 Oct 44--27 Oct 44	4	4	96	0	0
25	30 Oct 44--10 Nov 44	6	6	102	0	0
26	13 Nov 44--24 Nov 44	7	7	109	0	0
27	Cancelled					
28	Cancelled					
29	2 Jan 45--13 Jan 45	1	1	110	0	0
30	16 Jan 45--27 Jan 45	2	2	112	0	0
31	Cancelled					
32	12 Feb 45--23 Feb 45	3	3	115	0	0
33	Cancelled					
34	12 Mar 45--24 Mar 45	2	2	117	0	0
35	Cancelled					
36	9 Apr 45--20 Apr 45	3	3	120	0	0
37	Cancelled					
38	Cancelled					
39	Cancelled					
40	4 Jun 45--15 Jun 45	1	1	121	0	0
41	18 Jun 45--29 Jun 45	1	1	122	0	0

## ENLISTED ODOGRAPH COURSE

Purpose: To qualify enlisted men in the operation and maintenance of land model odographs.

Scope: Operation and maintenance of land model odographs; also includes vehicular installation of the odograph, basic electricity, and review of map reading.

Prerequisites: Enlisted men must be qualified radio repairmen.

Comments: Officers and enlisted men trained as teams. See Officers' Odograph Course.

<u>Classes</u>		<u>Dates</u>	<u>Duration</u>			
No. 1 to No. 41		22 Nov 43--29 Jun 45	10 days			
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	22 Nov 43-- 3 Dec 43	5	5	5	0	0
2	6 Dec 43--15 Dec 43	5	5	10	0	0
3	20 Dec 43--31 Dec 43	4	5	15	1	1
4	3 Jan 44--14 Jan 44	4	4	19	0	1
5	17 Jan 44--28 Jan 44	4	4	23	0	1
6	31 Jan 44--11 Feb 44	5	5	28	0	1
7	14 Feb 44--25 Feb 44	6	4	32	1	2
8	28 Feb 44--10 Mar 44	9	8	40	0	2
9	13 Mar 44--24 Mar 44	9	8	48	3	5
10	10 Apr 44--21 Apr 44	4	3	51	1	6
11	24 Apr 44-- 6 May 44	4	4	55	0	6
12	8 May 44--19 May 44	4	4	59	0	6
13	22 May 44-- 2 Jun 44	7	6	65	1	7
14	Cancelled					
15	19 Jun 44-- 1 Jul 44	3	3	68	0	7
16	Cancelled					
17	Cancelled					
18	Cancelled					
19	8 Aug 44--19 Aug 44	3	2	70	0	7
20	21 Aug 44-- 1 Sep 44	5	6	76	0	7
21	4 Sep 44--15 Sep 44	4	3	79	0	7
22	18 Sep 44--29 Sep 44	6	5	84	0	7
23	2 Oct 44--13 Oct 44	4	4	88	0	7

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
24	16 Oct 44--27 Oct 44	4	4	92	0	7
25	30 Oct 44--10 Nov 44	3	3	95	0	7
26	13 Nov 44--24 Nov 44	3	4	99	0	7
27	Cancelled					
28	Cancelled					
29	2 Jan 45--13 Jan 45	3	2	101	1	8
30	16 Jan 45--27 Jan 45	1	1	102	0	8
31	Cancelled					
32	12 Feb 45--23 Feb 45	3	3	105	0	8
33	Cancelled					
34	Cancelled					
35	Cancelled					
36	9 Apr 45--20 Apr 45	3	3	108	0	8
37	Cancelled					
38	7 May 45--18 May 45	3	3	111	0	8
39	Cancelled					
40	4 Jun 45--15 Jun 45	1	1	112	0	8
41	18 Jun 45--29 Jun 45	1	1	113	0	8

OFFICER SPECIALIST COURSE (ANIMAL TRANSPORT)

AND

OFFICERS' PACK ARTILLERY COURSE

Purpose. To prepare officers for duty with field artillery pack battalions or with horse and horse-drawn field artillery units.

Scope: Instruction in packing, horseshoeing, equitation, animal management, care and maintenance of pack howitzer, and practical work as battery officers in the field.

Prerequisites: Not above grade of captain; not affected by age-in-grade restrictions within 6 months after termination of course; graduate of Officer Candidate Course or Battery Officers' Course.

Comments: Originally, the class was divided into 2 sections - 1 from horse and horse-drawn field artillery units, and 1 from pack artillery units. The horse section was given 100 hours in driving and draft, and the pack section 100 hours in pack artillery. Both sections received approximately 25 hours in each of following subjects: equitation, animal management, and horseshoeing. However, this division into sections was discontinued when students were no longer received from horse or horse-drawn units; thereafter, the entire class received the instruction shown above for the pack section.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 and No. 2 (OSCAT)	3 Aug 42--26 Sep 42	4 weeks
No. 3 to No. 16 (OPAC)	28 Sep 42--23 Oct 43	4 weeks
No. 17 to No. 20 (OPAC)	25 Oct 43--26 Aug 44	12 weeks

Officer Specialist Course (Animal Transport)

<u>Class</u>	<u>Dates</u>	<u>Orig. Graduates</u>			<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	3 Aug 42--29 Aug 42	10	9	9	0	0
2	31 Aug 42--26 Sep 42	10	10	19	0	0

Officers' Pack Artillery Course

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
3	28 Sep 42--24 Oct 42	10	10	29	0	0
4	26 Oct 42--21 Nov 42	13	13	42	0	0
5	23 Nov 42--19 Dec 42	10	11	53	0	0
6	21 Dec 42--16 Jan 43	10	9	62	1	1
7	18 Jan 43--13 Feb 43	11	11	73	0	1
8	15 Feb 43--13 Mar 43	13	14	87	0	1
9	15 Mar 43--10 Apr 43	10	10	97	1	2
10	12 Apr 43-- 8 May 43	14	15	112	0	2
11	10 May 43-- 5 Jun 43	13	13	125	0	2
12	7 Jun 43-- 3 Jul 43	17	17	142	0	2
13	5 Jul 43--31 Jul 43	14	12	154	0	2
14	2 Aug 43--28 Aug 43	14	14	168	0	2
15	30 Aug 43--25 Sep 43	13	13	181	0	2
16	27 Sep 43--23 Oct 43	14	13	194	0	2
17	25 Oct 43--15 Jan 44	11	9	203	1	3
18	17 Jan 44-- 8 Apr 44	11	11	214	0	3
19	13 Mar 44-- 3 Jun 44	18	18	232	0	3
20	5 Jun 44--26 Aug 44	17	18	250	0	3

**OFFICER SPECIALIST COURSE (HORSE MANSHIP)**

Purpose: To train officers for duty with horse and horse-drawn field artillery units and pack artillery units.

Scope:

	<u>Hours</u>
Animal Management	22
Driving and Draft	42
Training Draft Remounts	212
Equitation	186
Horseshoeing	18
Total	<u>480</u>

Prerequisites: Should be of battery grade, preferably on duty with horse or horse-drawn field artillery unit or pack artillery unit.

Comments:

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 11	1 Aug 40-- 3 Jul 42	12 weeks
No. 12	11 May 42-- 4 Jul 42	8 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	1 Aug 40--23 Oct 40	10	10	10	0	0
2	1 Nov 40--30 Jan 41	10	10	20	0	0
3	10 Feb 41--30 May 41	10	10	30	0	0
4	12 May 41-- 3 Aug 41	10	11	41	0	0
5	11 Aug 41--31 Oct 41	21	20	61	1	1
6	3 Nov 41--31 Jan 42	11	12	73	0	1
7	Cancelled					
8	Cancelled					
9	16 Feb 42-- 8 May 42	10	9	82	0	1
10	Cancelled					
11	Cancelled					
12	11 May 42-- 4 Jul 42	9	7	89	0	1

## ENLISTED SPECIALIST COURSE (HORSEMANSHIP)

Purpose: To qualify enlisted men as instructors in equitation, driving and draft, and as horse trainers capable of training remounts and of reclaiming older horses.

Scope: Instruction in the aids used in managing a horse, driving and draft, feeding, diseases and injuries, shoeing, care of the feet, care of harness, and wagon transport.

Prerequisites: Selected enlisted men of above-average intelligence, good judgment, and with considerable experience handling horses.

Comments: Allotment of hours in this course:

<u>Subject</u>	<u>Hours</u>
Animal Management	20
Driving and Draft	88
Equitation	176
Horseshoeing	22
Training Remounts	142
Miscellaneous	32
	480

Only 9 classes were conducted.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 22	10 Jul 40-29 Aug 42	12 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	10 Jul 40-- 1 Oct 40	30	28	28	1	1
2	8 Oct 40-- 3 Jan 41	32	30	58	0	1
4	6 Jan 41--29 Mar 41	26	25	83	0	1
7	7 Apr 41--28 Jun 41	60	59	142	0	1
10	30 Jun 41--20 Sep 41	65	59	201	1	2
13	22 Sep 41--13 Dec 41	50	53	254	0	2
16	15 Dec 41--14 Mar 42	53	51	305	1	3
19	16 Mar 42-- 6 Jun 42	38	40	345	1	4
22	8 Jun 42--29 Aug 42	42	40	385	3	7

ENLISTED SPECIALIST COURSE (PACKMASTERS)

AND

ENLISTED PACKMASTER COURSE

Purpose: To qualify enlisted men in adjusting cargo saddles and maintaining their fit; to give them a complete knowledge of training, packing, loading, and maintenance of pack animals.

Scope: The instruction is essentially practical and includes equitation and animal management; horseshoeing; pack equipment and pack loads, including 75-mm pack howitzer; training of pack animals and the duties of a packmaster on marches and in camp; care, adjustment, and repair of cargo saddles.

Prerequisites:

Comments: Students were drawn principally from field artillery pack battalions and from the pack batteries of the FARTC. During the life of the course, approximately 40 men were enrolled from quartermaster pack trains and the Mountain Training Center.

This course was discontinued on 23 September 1944, since it was not contemplated that any more field artillery pack battalions would be activated. Thereafter, all pack training was concentrated at The Cavalry School.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 and No. 2 (ESCP)	3 Aug 42--26 Sep 42	4 weeks
No. 3 to No. 16 (EPC)	28 Sep 42--23 Oct 43	4 weeks
No. 17 to No. 20 (EPC)	25 Oct 43--23 Sep 44	12 weeks

Enlisted Specialist Course (Packmasters)

<u>Class</u>	<u>Dates</u>	<u>Orig. Graduates</u>			<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	3 Aug 42--29 Aug 42	35	35	35	0	0
2	31 Aug 42--26 Sep 42	33	34	69	0	0

Enlisted Packmaster Course

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
3	28 Sep 42--24 Oct 42	32	28	97	0	0
4	26 Oct 42--21 Nov 42	35	34	131	0	0
5	23 Nov 42--19 Dec 42	32	31	162	1	1
6-A	21 Dec 42--16 Jan 43	15	15	177	0	1
6-B	21 Dec 42--16 Jan 43	15	0	177	15	16
7	18 Jan 43--13 Feb 43	33	31	208	1	17
8	15 Feb 43--13 Mar 43	31	27	235	0	17
9	15 Mar 43--10 Apr 43	31	31	266	0	17
10	12 Apr 43-- 8 May 43	31	29	295	0	17
11	10 May 43-- 5 Jun 43	32	30	325	0	17
12	7 Jun 43-- 3 Jul 43	29	29	354	0	17
13	5 Jul 43--31 Jul 43	30	28	382	0	17
14	2 Aug 43--28 Aug 43	28	28	410	0	17
15	Cancelled					
16	27 Sep 43--23 Oct 43	25	23	433	2	19
17	25 Oct 43--15 Jan 44	29	28	461	0	19
18	17 Jan 44-- 8 Apr 44	23	22	483	0	19
19	10 Apr 44-- 1 Jul 44	15	13	496	1	20
20	3 Jul 44--23 Sep 44	25	26	522	0	20

**ENLISTED SPECIALIST COURSE (SADDLERS)**

AND

**ENLISTED SADDLER COURSE**

Purpose: To train enlisted men for duty as saddlers in field artillery units having need for them.

Scope: Leather-working tools, their care and use; leather and canvas sewing by hand and machine; grading, selecting, cutting and stitching; fitting and finishing of leather parts; making and repairing of harness, saddles and pack saddles; cleaning and preserving of leather goods; constructing and repair of leather and canvas articles used by troops in camp and in the field; the duties of a saddler in the field.

Prerequisites: Student should have grade school education or equivalent; should be assigned, or destined for assignment, to a unit requiring a saddler by T/O; should have a desire for this training.

Comments:

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 22 (ESCS)	10 Jul 40--29 Aug 42	12 weeks
No. 25 to No. 35 (ESC)	31 Aug 42-- 6 May 44	12 weeks

Enlisted Specialist Course (Saddlers)

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	10 Jul 40-- 1 Oct 40	5	5	5	0	0
2	8 Oct 40-- 3 Jan 41	14	14	19	0	0
4	6 Jan 41--29 Mar 41	23	23	42	0	0
7	7 Apr 41--28 Jun 41	30	30	72	0	0
10	30 Jun 41--20 Sep 41	24	30	102	0	0
13	22 Sep 41--13 Dec 41	30	29	131	0	0
16	15 Dec 41--14 Mar 42	31	30	161	0	0
19	16 Mar 42-- 6 Jun 42	30	30	191	0	0
22	8 Jun 42--29 Aug 42	27	26	217	0	0

Enlisted Saddler Course

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
25	31 Aug 42--21 Nov 42	27	27	244	0	0
28	23 Nov 42--13 Feb 43	31	29	273	0	0
31	15 Feb 43-- 8 May 43	29	29	302	0	0
32	10 May 43--31 Jul 43	21	21	323	0	0
33	2 Aug 43--23 Oct 43	20	19	342	0	0
34	25 Oct 43--15 Jan 44	18	14	356	0	0
35	14 Feb 44-- 6 May 44	20	19	375	0	0

ENLISTED SPECIALIST COURSE (HORSESHOERS)

AND

ENLISTED HORSESHOER COURSE

Purpose: To qualify enlisted men to perform the duties of a horseshoer.

Scope: Horseshoers' tools, their care and uses; fires, heats, working and shaping of iron; anatomy, physiology, and diseases of the feet of horses and mules; normal shoeing, corrective shoeing and shoeing of refractory animals; pack instruction in saddling and packing.

Prerequisites: AGCT and MAT scores of 90. Considerable experience with animals.

Comments: Twenty classes were conducted. Class No. 28 was divided into three sections:

No. 28-A	28 Nov 42--13 Feb 43	11 weeks
No. 28-B	21 Dec 42-- 6 Feb 43	7 weeks
No. 28-C	21 Dec 42--27 Feb 43	10 weeks

The students of this class were considered to be proficient upon completion of less than the normal 12 weeks of instruction, particularly the 6 men enrolled in Class No. 28-B, who were from the Second Cavalry Division.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 25 (ESCH)	10 Jul 40--21 Nov 42	12 weeks
No. 28 to No. 37 (EHC)	28 Nov 42--23 Sep 44	12 weeks

Enlisted Specialist Course (Horseshoers)

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	10 Jul 40-- 1 Oct 40	18	16	16	0	0
2	8 Oct 40-- 3 Jan 41	15	14	30	1	1
4	6 Jan 41--29 Mar 41	23	22	52	1	2
7	7 Apr 41--28 Jun 41	30	28	80	0	2
10	30 Jun 41--20 Sep 41	29	28	108	1	3

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
13	22 Sep 41--13 Dec 41	30	30	138	0	3
16	15 Dec 41--14 Mar '42	28	29	167	0	3
19	16 Mar 42-- 6 Jun 42	30	29	196	0	3
22	8 Jun 42--29 Aug 42	25	23	219	1	4
25	31 Aug 42--21 Nov 42	31	29	248	0	4

Enlisted Horseshoer Course

28-A	28 Nov 42--13 Feb 43	30	27	275	0	4
28-B	21 Dec 42-- 6 Feb 43	6	6	281	0	4
28-C	21 Dec 42--27 Feb 43	6	6	287	0	4
31	15 Feb 43-- 8 May 43	20	20	307	0	4
32	10 May 43--31 Jul 43	20	19	326	0	4
33	2 Aug 43--23 Oct 43	16	15	341	0	4
34	25 Oct 43--15 Jan 44	20	18	359	0	4
35	17 Jan 44-- 8 Apr 44	12	12	371	0	4
36	10 Apr 44-- 1 Jul 44	16	14	385	0	4
37	3 Jul 44--23 Sep 44	14	12	397	0	4

## ENLISTED SPECIALIST COURSE (BATTERY MECHANICS)

AND

## ENLISTED ARTILLERY MECHANIC COURSE

Purpose: To qualify enlisted men for duty as artillery mechanics in field artillery units.

Scope: Construction, function, disassembly, assembly, adjustment, care, and maintenance of field artillery weapons; rigging; care and use of tools; loading materiel for rail and air transport; field expedients; bore-sighting; use, care, tests, adjustments, and maintenance of fire control instruments.

Prerequisites: Student must have desire to attend the course; character rating of Excellent, grammar school education or equivalent; minimum AGCT score of 90 and MAT score of 100; must be from field artillery unit.

Foregoing prerequisites were officially adopted in November 1944, but were substantially in effect from late 1941. The prerequisites originally in effect in 1940 for the Battery Mechanic Course were as follows:

"The soldier should have had at least an eighth grade education and three to six years service, with experience as machinist or carpenter."

Comments. Students from field artillery units, except 240-mm howitzer and 8-inch gun units, were given 1 week of instruction on the major weapon with which their unit was armed, 1 week on each of 2 associated or companion weapons, and 1 week of review on their major weapon. Students from 240-mm howitzer and 8-inch gun units were given 2 consecutive weeks on the major weapon, 1 week on Moto-Crane M2, and 1 week on associated weapons. Unassigned students received 1 week of instruction on each of 4 weapons.

For example, a student from a 105-mm howitzer battalion attached to a group received 1 week of instruction on the 105-mm howitzer, 1 week each on the 155-mm howitzer M1 and the 155-mm gun, and 1 week of review on the 105-mm howitzer. In the case of divisional artillery (infantry division), the 75-mm howitzer was substituted for the 155-mm gun.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 23 (ESCBM)	10 Jul 40--26 Sep 42	12 weeks
No. 24 (EAMC)	3 Aug 42--24 Oct 42	12 weeks
No. 25 to No. 69 (EAMC)	31 Aug 42--15 Mar 46	8 weeks

Enlisted Specialist Course (Battery Mechanics)

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	10 Jul 40-- 1 Oct 40	74	74	74	0	0
2	8 Oct 40-- 3 Jan 41	92	88	162	2	2
3	9 Dec 40-- 8 Mar 41	58	57	219	0	2
4	6 Jan 41--29 Mar 41	63	58	277	2	4
5	10 Feb 41-- 3 May 41	67	64	341	2	6
6	10 Mar 41--31 May 41	71	68	409	2	8
7	7 Apr 41--28 Jun 41	67	66	475	0	8
8	5 May 41--26 Jul 41	67	66	541	0	8
9	2 Jun 41--23 Aug 41	67	65	606	0	8
10	30 Jun 41--20 Sep 41	67	62	668	0	8
11	28 Jul 41--18 Oct 41	70	64	732	0	8
12	25 Aug 41--15 Nov 41	62	56	788	1	9
13	22 Sep 41--13 Dec 41	67	66	854	1	10
14	20 Oct 41--17 Jan 42	64	63	917	1	11
15	17 Nov 41--14 Feb 42	61	58	975	0	11
16	15 Dec 41--14 Mar 42	66	67	1042	0	11
17	19 Jan 42--11 Apr 42	64	62	1104	1	12
18	16 Feb 42-- 9 May 42	52	46	1150	0	12
19	16 Mar 42-- 6 Jun 42	71	69	1219	1	13
20	13 Apr 42-- 4 Jul 42	70	70	1289	0	13
21	11 May 42-- 1 Aug 42	71	69	1358	1	14
22	8 Jun 42--29 Aug 42	76	76	1434	1	15
23	6 Jul 42--26 Sep 42	79	65	1499	0	15

Enlisted Artillery Mechanic Course

24	3 Aug 42--24 Oct 42	70	70	1569	0	15
25	31 Aug 42--24 Oct 42	70	66	1635	1	16
26	28 Sep 42--21 Nov 42	96	89	1724	0	16
27	26 Oct 42--19 Dec 42	101	96	1820	0	16
28	23 Nov 42--16 Jan 43	88	81	1901	0	16
29	21 Dec 42--13 Feb 43	102	102	2003	2	18
30	18 Jan 43--13 Mar 43	99	96	2099	0	18
31	15 Feb 43--10 Apr 43	105	103	2202	0	18
32	15 Mar 43-- 8 May 43	102	99	2301	0	18

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
33	12 Apr 43-- 5 Jun 43	113	102	2403	1	19
34	10 May 43-- 3 Jul 43	106	99	2502	0	19
35	7 Jun 43--31 Jul 43	102	102	2604	3	22
36	5 Jul 43--25 Sep 43	121	107	2711	7	29
37	2 Aug 43--25 Sep 43	122	123	2834	2	31
38	30 Aug 43--23 Oct 43	110	99	2933	3	34
39	27 Sep 43--20 Nov 43	111	108	3041	1	35
40	25 Oct 43--18 Dec 43	123	122	3163	0	35
41	22 Nov 43--15 Jan 44	114	108	3271	1	36
42	20 Dec 43--12 Feb 44	121	111	3382	4	40
43	17 Jan 44--11 Mar 44	110	108	3490	0	40
44	14 Feb 44-- 8 Apr 44	116	114	3604	4	44
45	13 Mar 44-- 6 May 44	121	112	3716	0	44
46	10 Apr 44-- 3 Jun 44	114	119	3835	0	44
47	8 May 44-- 1 Jul 44	112	104	3939	0	44
48	5 Jun 44--29 Jul 44	115	119	4058	0	44
49	3 Jul 44--26 Aug 44	115	110	4168	0	44
50	31 Jul 44--23 Sep 44	118	122	4290	1	45
51	28 Aug 44--21 Oct 44	108	113	4403	1	46
52	25 Sep 44--18 Nov 44	111	113	4516	1	47
53	20 Oct 44--16 Dec 44	83	86	4602	0	47
54	20 Nov 44--13 Jan 45	77	118	4720	0	47
55	18 Dec 44--10 Feb 45	80	79	4799	0	47
56	15 Jan 45--10 Mar 45	64	65	4864	0	47
57	12 Feb 45-- 7 Apr 45	46	43	4907	0	47
58	12 Mar 45-- 5 May 45	23	22	4929	0	47
59	Cancelled					
60	7 May 45--30 Jun 45	47	45	4974	0	47
61	4 Jun 45--28 Jul 45	44	41	5015	0	47
62	Cancelled					
63	30 Jul 45--22 Sep 45	41	40	5055	0	47
64	Cancelled					
65	24 Sep 45--16 Nov 45	79	62	5117	1	48
66	Cancelled					
67	19 Nov 45--18 Jan 46	57	52	5169	0	48
68	17 Dec 45--15 Feb 46	53	47	5216	1	49
69	21 Jan 46--15 Mar 46	27	30	5246	0	49

## SPECIAL ENLISTED ARTILLERY MECHANIC COURSE

**Purpose:** To train selected enlisted men from field artillery units of the XXIII Corps as artillery mechanics on the 8-inch Howitzer and 155-mm Gun.

**Scope:** Construction, functioning, disassembly, assembly, adjustment, care and maintenance of the 8-inch Howitzer and 155-mm Gun. The brief duration of this course precluded thorough instruction in these subjects, but familiarisation was attained.

**Prerequisites:** Students were specially selected from field artillery units of the XXIII Corps, under the direction of the Commanding General, XXIII Corps Artillery.

**Comments:** This course was set up at the request of Brig Gen J. D. Balmer, Commanding General XXIII Corps Artillery, Camp Bowie, Texas, former Commandant of the Field Artillery School.

Grades were recorded, but no certificates were issued.

<u>Classes</u>		<u>Dates</u>	<u>Duration</u>	
No. 1 to No. 3		12 May 44-- 8 Jul 44	2 weeks	

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	12 May 44--25 May 44	16	16	16	0	0
2	5 Jun 44--16 Jun 44	16	14	30	2	2
3	26 Jun 44-- 8 Jul 44	15	15	45	0	2

## RADIO CONTROLLED AIRPLANE TARGET COURSE

**Purpose:** To qualify pilots and crews of Army Ground Forces organizations in the operation, maintenance, and servicing of the Radio Controlled Airplane Target OQ-2A, and to provide specialized training for individual crew members in their various duties.

**Scope:** Parachute packing; maintenance and servicing of engines; maintenance and servicing of radio equipment; flight instruction (for officers).

**Pilot training (1 officer)**--Theoretical aerodynamics and a minimum of two hours practical flying time, including five unassisted take-offs to qualify as a pilot.

**Crew Chief (1 EM)**--General instruction in all phases of operation, service, and maintenance of the OQ-2A airplane.

**Engineman (2 EM)**--Instruction and practical work in maintenance of the gasoline engine of the OQ-2A airplane; tuning, repair, and operation of engines; diagnosis and correction of engine or other operating faults. One engineman on each team is instructed in acetylene welding, and in trimming and repairing of fuselage.

**Radio Technician and Electrician (3 EM)**--Instruction in inspections, tests, and repairs on radio transmitting, receiving, and related equipment; practical use of testing meters and devices; isolation and repair of defects.

**Parachute Packer (1 EM)**--Instruction in parachute packing.

**Prerequisites:** **Crew Chief (mechanic)**--High school training; high degree of mechanical ability.

**Engineman**--High school training; working knowledge of motors.

**Radio Technician**--Sound knowledge of radio theory; ability to repair radio sets.

**Radio Electrician**--Graduate of a standard radio or communication service school.

**Parachute Packer**--Any enlisted man with common sense.

Comments: The OQ-2A airplane was supplemented by a later model, the OQ-3.

An operating crew consisted of 1 officer and 7 enlisted men, as indicated under "Scope" above. Units were expected to send complete crews to this course, but in some instances a smaller number was sent.

The OQ airplane was flown without a pilot and was controlled from the ground by radio. It was landed by parachute. It was used as a target for anti-aircraft small arms practice.

Available facilities in the Department of Material, which conducted this course, permitted the enrollment of two complete teams at one time.

The same Certificate of Proficiency was issued to officers and enlisted men alike, and each student's certificate showed his crew assignment, thus indicating in which of the five categories he was qualified.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 16	28 Dec 42-- 9 Sep 44	3 weeks
No. 17	26 Feb 45--28 Mar 45	4 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>		<u>Graduates</u>		<u>Failures</u>	
		<u>No.</u>	<u>EM</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
		0	EM				
1	28 Dec 42--16 Jan 43	2	14	16	16	0	0
2	25 Jan 43--13 Feb 43	2	14	16	32	0	0
3	10 May 43--29 May 43	2	14	16	48	0	0
4	31 May 43--19 Jun 43	2	14	16	64	0	0
5	21 Jun 43--10 Jul 43	2	14	16	80	0	0
6	12 Jul 43--31 Jul 43	4	14	18	98	0	0
7	2 Aug 43--21 Aug 43	5	14	18	116	1(EM)	1
8	23 Aug 43--11 Sep 43	4	14	18	134	0	1
8A	6 Sep 43--25 Sep 43	1	7	8	142	0	1
9	13 Sep 43-- 2 Oct 43	4	14	18	160	0	1
10	4 Oct 43--23 Oct 43	5	14	19	179	0	1
11	1 Nov 43--20 Nov 43	4	14	18	197	0	1
12	22 Nov 43--11 Dec 43	1	7	8	205	0	1
13	29 Nov 43--18 Dec 43	2	2	4	209	0	1
14	17 Apr 44-- 6 May 44	2	15	17	226	0	1
15	12 Jun 44-- 1 Jul 44	6	23	29	255	0	1
16	21 Aug 44-- 9 Sep 44	1	14	15	270	0	1
17	26 Feb 45--28 Mar 45	1	4	5	275	0	1

## SPECIAL NAVAL COURSE

Purpose: To train naval officers in ground spotting; conduct of fire on land targets, particularly on hilly terrain, by naval guns in connection with amphibious operations.

Scope: Adjustment of fire, emphasizing bracket fire and forward observation methods; combat intelligence, including maps and photos; the supporting role of naval gun fire in infantry attack; land mines and anti-personnel mines; infiltration course; tactical field exercise; essential differences between naval and land gunnery.

Prerequisites: Junior naval officers selected by the Commander, Amphibious Training Command, Atlantic Fleet, Norfolk, Virginia.

Comments: No certificates were issued.

The first class shown below was hastily organized upon very short notice. No records were submitted to Academic Records, so the class reporting in November 1943 was listed as Class No. 1. Therefore, for the record, the first class is listed as No. A. A complete description of the course given this first class may be found in the AG Files--File No. 352.11 Naval Personnel (Binder No. 1).

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. A	13 Apr 43--19 Apr 43	7 days
No. 1	5 Nov 43--14 Nov 43	10 days
No. 2	7 Jan 44--15 Jan 44	9 days
No. 3	5 Feb 44--13 Feb 44	9 days
No. 4	4 Mar 44--11 Mar 44	8 days
No. 5	1 Jul 44--13 Jul 44	13 days

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>		<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>	
A	13 Apr 43--19 Apr 43						
1	6 Nov 43--16 Nov 43		38	38	0	0	
2	7 Jan 44--15 Jan 44		13	51	0	0	
3	5 Feb 44--13 Feb 44		20	71	0	0	
4	4 Mar 44--11 Mar 44		12	83	0	0	
5	1 Jul 44--13 Jul 44		13	96	0	0	

## NAVAL AIR SPOTTER COURSE

Purpose: To teach naval aviators to adjust cannon fire on land targets.

Scope: Observation from the liaison airplane and adjusting the fire of field artillery howitzers in lieu of naval guns. Instruction includes a check flight in the light airplane, map and air photo reading, organization of ground forces, Japanese tactics and racial characteristics, tactics and technique of landing on a hostile shore and practice in adjusting artillery fire.

Prerequisites: Naval aviation officers selected by the Navy Department. Junior officers, for the most part.

Comments: Course originally called Special Naval Air Liaison Course. With Class No. 8, entering on 8 December 1944, the name was changed to Spotting and Gunnery Training Course. Effective with Class No. 16, which entered on 29 March 1945, the name was again changed to Naval Air Spotter Course and was known as such until the last class graduated 28 August 1945.

Certificates of Attendance were issued to graduates of this course.

The officers of the first 4 classes brought high speed naval planes to use during the course. All succeeding classes used the field artillery liaison airplanes of the Department of Air Training.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 26	6 Apr 44 - 28 Aug 45	2 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	6 Apr 44--14 Apr 44	45	45	45	0	0
2	22 Apr 44-- 2 May 44	7	7	52	0	0
3	15 May 44--25 May 44	29	29	81	0	0
4	16 Aug 44--26 Aug 44	33	33	114	0	0
5	26 Oct 44-- 4 Nov 44	2	2	116	0	0
6	9 Nov 44--18 Nov 44	6	6	122	0	0
7	23 Nov 44-- 2 Dec 44	6	6	128	0	0
8	8 Dec 44--16 Dec 44	10	10	138	0	0
9	20 Dec 44--29 Dec 44	9	9	147	0	0
10	4 Jan 45--13 Jan 45	10	10	157	0	0
11	19 Jan 45--27 Jan 45	6	6	163	0	0
12	1 Feb 45--10 Feb 45	6	6	169	0	0
13	15 Feb 45--24 Feb 45	6	6	175	0	0
14	2 Mar 45--12 Mar 45	6	6	181	0	0
15	15 Mar 45--26 Mar 45	10	9	190	0	0
16	29 Mar 45-- 9 Apr 45	18	18	208	0	0
16A	10 Apr 45--18 Apr 45	13	13	221	0	0
17	12 Apr 45--23 Apr 45	6	6	227	0	0
17A	20 Apr 45--28 Apr 45	11	11	238	0	0
18	26 Apr 45-- 7 May 45	8	8	246	0	0
19	10 May 45--22 May 45	25	25	271	0	0
20	24 May 45-- 6 Jun 45	25	25	296	0	0
21	7 Jun 45--19 Jun 45	30	30	326	0	0
22	21 Jun 45-- 4 Jul 45	30	29	355	0	0
23	5 Jul 45--18 Jul 45	28	28	383	0	0
24	18 Jul 45--31 Jul 45	30	30	413	0	0
25	31 Jul 45--13 Aug 45	30	30	443	0	0
26	16 Aug 45--28 Aug 45	20	20	463	0	0

## SPECIAL BRAZILIAN COURSE

Purpose: Instruction conducted as a part of the Brazilian Divisional Training Program. Designed to acquaint field artillery officers of the Brazilian Army with tactics, techniques, and procedures of the field artillery of the U. S. Army.

Scope. The first class attended selected instruction periods of the Officers' Advanced Course as observers. All subjects were included, with emphasis on Gunnery and Combined Arms.

The program of instruction for the second and third classes was similar to the one followed for the first class. However, special conferences were conducted by Officers' Advanced Course instructors, assisted by interpreters. For the third class several conferences were given in Spanish. The students were graded in both of these classes.

For the fourth class all instruction was given in Portuguese or Spanish by specially selected instructors. All map problems, charts and examinations were translated into Portuguese. Students were graded. For this class, the instruction was divided as follows: Combined Arms subjects--177 hours; Gunnery--135 hours; Communication--26 hours; Motors--22 hours; Materiel--12 hours.

Prerequisites. Field artillery officers of the Brazilian Army, coming directly from Brazil.

Comments: Certificates of Attendance were issued to all officers attending the course.

Class No. 3 remained an additional week to attend classes in Air Training.

Not many qualified instructors who spoke Portuguese (the national language of Brazil) were available, so it was necessary to use Spanish-speaking instructors also. Portuguese-speaking people can understand Spanish fairly well, but the reverse is not true.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1	26 Jul 43--25 Sep 43	8 weeks
No. 2	25 Oct 43--18 Dec 43	8 weeks
No. 3	31 Jan 44--25 Mar 44	8 weeks
No. 4	18 May 44-- 8 Jul 44	8 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig.</u> <u>Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	26 Jul 43--25 Sep 43	*	9	9	0	0
2	25 Oct 43--18 Dec 43	*	11	20	0	0
3	31 Jan 44--25 Mar 44	*	12	32	0	0
4	18 May 44-- 8 Jul 44	*	20	52	0	0

\* Information missing in original manuscript--ed.

## CANADIAN CADRE COURSE

Purpose: To train the field artillery component of a Canadian division for service with the United States forces in the Pacific area.

Scope: The course was divided into 20 subcourses with personnel assigned to subcourses appropriate to their respective duties.

Prerequisites: Personnel selected by Canadian Army.

Comments: First by telephone on 5 July 1945 and subsequently, on 11 July 1945, by letter from R&SC, FAS was directed to set up a series of special courses for a group of Royal Canadian Artillery officers and other ranks (enlisted men), to arrive from Canada on or about 9 August 1945. The courses were to be of 6 weeks duration.

The objective of the training was to acquaint students with the United States Army, its organization, supply, administration, customs, materiel, and tactics; to qualify the individual to perform the duties of his assigned position and to instruct others in the subjects covered by the course of instruction attended by the particular individual.

The over-all objective was to train and equip a reinforced division, composed of Canadian Army personnel, for service with the United States forces in the Pacific area. The personnel of other arms and services were to be trained at the appropriate service schools or training centers. Approximately 1900 personnel were to be trained in the United States.

Cadre personnel would be expected to be able to conduct unit instruction as well as individual instruction on completion of the courses, using United States equipment, instructional material, training aids, and facilities.

The individual students would be trained personnel, and in many cases combat experienced, selected according to Canadian equivalents of the United States MOSs necessary to make up unit cadres.

Forty-two officers and 281 other ranks arrived at Fort Sill by rail on 11 August 1945. One officer and one other rank arrived on 18 August, making a total of 43 officers and 282 other ranks, or a grand total of 325.\*

\* Fifteen liaison pilots were scheduled to arrive at a later date, but they failed to come.

The group was commanded by Lt Col H. L. Jones from the Canadian Royal Artillery Training Center. This officer had visited FAS for about a week in October 1944. In addition to Lt Col Jones, 1 officer and 3 other ranks were included in the group to handle administration and were not to be enrolled in the courses.

Programs of Instruction had been prepared and approved, and the courses got under way on Monday, 13 August 1945. For the purposes of academic records, the entire instruction was called Canadian Cadre Course. The first 2 weeks (88 hours) of instruction was devoted to general subjects and was given to the entire cadre. The personnel were then broken down into appropriate groups and each was enrolled in a specialist subcourse as follows:

<u>Subcourse</u>	<u>Officers</u>	<u>Other Ranks</u>	<u>Total</u>
Gunnery	15	31	46
Battery Executive	3	43	46
Survey		9	9
Meteorology		1	1
Artillery Mechanic		33	33
Munitions		2	2
Artillery Intelligence	5		5
Communication Officer	7		7
Communication Chief		4	4
Message Center Chief		5	5
Communication (Wireman)		20	20
Radio Operator		34	34
Radio Repairman		16	16
Wheeled Vehicle Driver		19	19
Tractor Driver		4	4
Motor Transport	5		5
Tractor Mechanic		4	4
Wheeled Vehicle Mechanic		21	21
FA Air Mechanic		11	11
FA Unit Administration		10	10
<b>Totals</b>	<b>35</b>	<b>267</b>	<b>302</b>

Certificates of Attendance were issued to all students who completed the course--35 officers and 267 other ranks.

Five officers and 9 other ranks departed for various reasons before the end of the course: 23 August--1 officer; 6 September--2 other ranks; 14 September--1 officer and 2 other ranks; 15 September--3 officers and 5 other ranks.

The coming of V-J Day caused the cancellation of the plan to send a Canadian division to the Pacific, and the troops concerned were directed to return to Canada. However, they remained at Fort Sill for 6 weeks altogether, departing on Monday, 24 September 1945. In order to give them time to get organized for their departure, and for some to do some sightseeing, instruction was suspended on Tuesday, 18 September.

Upon arrival on 11 August, the Canadian cadre was met at the railroad station by the Commandant and his staff, with a band and appropriate ceremony. Similar honors were accorded upon their departure.

Throughout their stay at Fort Sill, the attitude, conduct, and cooperativeness of the Canadians were superior. They were most complimentary in their comments about the instruction given and the hospitality extended by the Field Artillery School.

<u>Class</u>	<u>Dates</u>	<u>Duration</u>			
No. 1 only	13 Aug 45--17 Sep 45	5 1/5 weeks			
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates No. Total</u>	<u>Failures No. Total</u>	
<u>Officers</u>					
1	13 Aug 45--17 Sep 45	39	35 35	0	0
<u>Enlisted Men</u>					
1	13 Aug 45--17 Sep 45	280	267 267	0	0

## SPECIAL MATERIEL--GUNNERY COURSE

(FOR CANADIAN ARMY PERSONNEL)

Purpose Training of Canadian Army officers and other ranks in materiel (U. S. 75-mm howitzer) and gunnery (time shell and ricochet fire).

Scope: First 2 weeks on materiel, principally on 75-mm Howitzer M1: maintenance and operation; ammunition; sighting and laying equipment; disassembly and assembly; logistics; animal transport; motor march; small arms.

Third week on gunnery (officers): maps and photos; observed fire; unobserved fire, corrections; basic survey; C. I. and high burst registrations; G. F. T.; fire direction.

Third week on materiel (other ranks).

Prerequisites: Ten officers and ten other ranks of the Royal Canadian Artillery sent in by Canadian Army for this course.

Comments:

<u>Classes</u>		<u>Dates</u>			<u>Duration</u>	
No. 1 only		24 Jan 44- 12 Feb 44			3 weeks	
<u>Class</u>	<u>Dates</u>	<u>Orig. Graduates</u>			<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	24 Jan 44--12 Feb 44	20	20	20	0	0

## COMMENTS ON THE METEOROLOGICAL TRAINING PROGRAM

### Meteorological Teams

The program for the training of meteorological augmentation teams at the Field Artillery School was originally announced by Hq ACF on 24 August 1944 as follows:

Each field artillery observation battalion would be augmented by a meteorological team consisting of 1 officer and 4 enlisted men--1 weather officer, 1 maintenance man, 1 operator, and 2 assistant operators--together with the necessary equipment.

The training and organization for these teams would be the responsibility of FAS. Each team would receive its equipment at this station and use it in training, and FAS would also be responsible for packing it for export for those teams destined for overseas.

Thirty Army Air Forces weather officers, all lieutenants, were transferred to Army Ground Forces, assigned to the field artillery, and ordered to FAS to receive training as field artillery meteorological officers. All had had at least 1 year of civilian college training in mathematics or physics, plus a year of specialized military training in meteorology and a minimum of 3 months field duty with a weather squadron.

To prepare these officers for duty with the field artillery, they were enrolled in Class No. 29, Officers' Special Basic Course, which started 25 September 1944 and terminated 2 December 1944.

The 30 enlisted maintenance men were sent to a Signal Corps school at Spring Lake, N. J., in groups of 15 each, to receive instruction in maintenance of the SCM-10. This was a 12 weeks course called the Weather Equipment Technician Course.

At the same time, the 30 operators were sent to an AAF school at Chanute Field, Illinois, for operational training on the SCR-658 and radiosonde. This was a 10 weeks course called the Radiosonde Operator and Winds Aloft Course. Half of these men reported to Chanute Field on 11 October 1944 and the other half on 18 November 1944.

The remaining 60 men of the original 30 teams received all of their training at FAS.

Upon completing Officers' Special Basic Course on 2 December 1944, the officers were enrolled in Officers' Sound & Flash Ranging Course (Special) of 7 weeks duration, finishing on 20 January 1945.

Upon returning from Chanute Field, Ill., and Spring Lake, N. J., the maintenance men and operators were given special instruction by the Department of Observation until the start of the Meteorological Team Training Course. All enlisted personnel of these teams were enrolled in the Enlisted Basic Meteorology Course of 5 weeks duration, in 4 successive classes. This course was set up expressly for these men, starting 18 December 1944 and terminating 24 March 1945.

All during the preliminary training period described above, considerable uncertainty existed as to just when equipment would be available for the team training.

Class No. 1 of the Team Training Course was officially started on 5 February 1945, on the assumption that at least one SCR-658 would be received within a week, which was practically assured by Hq AGF. However, the first of these sets did not arrive until late in March. Consequently, improvisations were necessary in order to carry on the instruction. It had been contemplated that the duration of this course would be 4 weeks, but the delay in the arrival of equipment made it necessary to run the first class until 28 April 1945, a duration of 12 weeks. Ten officers and 40 enlisted men graduated in this class. Two officers and 8 enlisted men for each of 10 teams started in this class, plus 9 officers and 4 enlisted men extra, making a total of 29 officers and 84 enlisted men, but in view of the fact that only 10 teams were immediately needed, 19 officers and 44 enlisted men were held over and continued instruction with Class No. 2.

The 10 teams graduating in Class No. 1, with radiosonde equipment, were shipped to the New York POE, to arrive not later than 17 May 1945--ultimate destination ETO. Each of these teams had the normal complement of 1 officer and 4 enlisted men.

The teams enrolled in Class No. 2 were graduated as they were needed--1 team on 30 May 1945 (5-1/2 weeks in the course),

4 teams on 9 June 1945 (7 weeks in the course), and the remaining 14 officers and 60 enlisted men, making up 15 teams less 1 officer, on 15 September 1945. (See below)

The team graduating on 30 May was assigned to the 624th FA Observation Battalion, stationed at Fort Sill.

One of the teams graduating on 9 June was shipped to the 618th FA Observation Battalion, Camp Gruber, Oklahoma, on 9 June.

The remaining 3 teams graduating on 9 June were shipped to the Pacific Theatre, departing on or about 14 July, 17 July, and 3 August respectively.

Of the 15 teams shown as graduating on 15 September 1945, 3 teams actually completed training on earlier dates, although their certificates were issued as of 15 September. They were shipped out as follows:

One team to the 293d FA Observation Battalion, Fort Jackson, S. C., on or about 14 August 1945.

One team to the 294th FA Observation Battalion, Camp Bowie, Texas, on or about 22 August 1945.

One team to the 617th FA Observation Battalion, Camp Hood, Texas, on 11 September 1945.

After the recorded graduation date, 1 team was shipped to the 292d FA Observation Battalion, Fort Bragg, N. C., on or about 1 October 1945.

Each of the above 4 teams was accompanied by 1 Dodar operator and 1 Sound Ranging Set (Dodar) AN/PNS-1.

Finally, 2 teams were shipped to Army Ground Forces Board No. 1, Fort Bragg, N. C., on or about 14 November 1945.

All meteorological teams shipped were accompanied by complete radiosonde equipment, including SCR-658.

No other teams were shipped to units. The remainder of the personnel completing training on 15 September 1945 remained on duty at the Department of Observation until dissipated by normal attrition, including separation. In the meantime, they

were utilized as instructors, and they made daily RAWIN observations for use by the Department of Gunnery and the AAF weather station at Post Field. On one or two occasions, improvised teams were sent away on temporary duty to participate in certain tests.

#### Meteorological Equipment and Its Use

Radio Set SCR-658. This was a portable meteorological radio direction finder designed to operate as part of a system to secure wind direction and speed. When used with a frequency modulated (f-m) radiosonde, the system also furnished data concerning humidity, temperature, and pressure at various altitudes above the ground. SCR-658 replaced the optical method (theodolite) for tracking the balloon.

The directional antenna, antenna switch, a portion of the receiver, and the cathode-ray tube indicator made up the RDF (radio direction finder) portion of the radio set. These components permitted the operator to locate accurately the position of the balloon transmitter in space at any moment, regardless of visibility. To obtain correct azimuth and elevation angles, the operator needed only to adjust the antenna position vertically and horizontally with 2 handwheel controls for an on-bearing pattern on the indicator.

The SCR-658 tracked a wave emitted by the transmitter. The transmitter signal was momentarily cut off by a baroswitch at successive levels of barometric pressure. These pressure levels could be translated into terms of altitude.

To obtain the humidity, pressure, and temperature data, the output of the f-m channel of the receiver was fed to the external radiosonde recording equipment where the results were recorded on a moving paper chart.

Radio Set SCR-658 is packed for export as 14 items and when so packed weighs 5511 pounds.

Radiosonde AN/AMQ-1 (also -1A and -1C). This was a meteorological instrument combined with a miniature transmitter. It was carried aloft by a balloon to transmit radio signals from which could be determined the pressure, temperature, and relative humidity encountered to a height of approximately 12 miles. When the balloon burst, the radiosonde descended slowly by means of an attached parachute. The parachute was not used

when the equipment was expected to land in enemy territory. This instrument was used by the meteorological teams of field artillery observation battalions for determining meteorological data for the metro message, used by artillery units in applying metro corrections when computing firing data. Radiosonde was also used to forecast weather for airplane flights, troop movements, and chemical warfare.

The signals radiated by the transmitter were controlled by meteorological elements which responded to various conditions of humidity and temperature encountered as the balloon ascended. The radiosonde transmitting, receiving, and recording units determined the humidity and temperature at various barometric pressures above the earth.

The entire equipment which ascended with the balloon, consisting of the meteorological instrument, transmitter, and battery, was inclosed in an insulated corrugated cardboard box, 4-1/2 x 8-1/2 x 8-1/2 inches. Weight, complete, was 2.8 pounds.

Radiosonde Receptor AN/FMQ-1 (also -1A and -1C), or ground station. This instrument received and recorded the signals transmitted by Radiosonde AN/AMQ-1 during flight. The receptor consisted of a receiver, electronic frequency meter, recorder, recorder amplifier, and voltage regulator mounted on a steel rack 5' 4-1/2" high x 25" wide x 15-1/2" deep; and an antenna system. The actual distance between the radiosonde and the ground station varied with the wind, but signals were received on the radiosonde receiver from distances as great as 150 miles. The transmitter performed satisfactorily to the height of 12 miles.

Radiosonde Receptor AN/FMQ-1 was packed for export in 4 boxes, with a total weight of 1090 pounds.

The prosecution of the meteorological program involved the procurement of the necessary equipment, which was no small problem, and necessitated close liaison with the Requirements Section of Headquarters Army Ground Forces and the AGF representative on the Communications Coordination Committee of the War Department. In addition to the complete sets (SCR-658 and AN/AMQ-1), large quantities of laboratory equipment and parts were required for the instruction.

As soon as sufficient equipment had been received, each team trained with its own equipment. When preparing for departure, the members of the team assisted in the packing so they

would be better enabled to unpack and assemble it properly upon arriving at their destination. Expertness was necessary in the export packing of the equipment destined for overseas, since protection against moisture and extreme weather conditions was essential. An officer and a noncommissioned officer from the Training Aids Shops, skilled in things mechanical, visited the Farnsworth factory at Marion, Indiana, to study the packing techniques. Large quantities of special packing material were shipped in from the factory.

An engineer from the Metro Division, Dayton Signal Depot, spent a week or more at FAS in January 1945 setting up and calibrating radiosonde receptors. While here he accomplished the tropicalization of at least one receptor.

#### RAWIN Observations

Aloft observations made by tracking the balloon or any of its attachments by radio methods were referred to as RAWIN (Radio WIND) observations. Observations made by the SCR-658 fell in this category. When thus used, the system furnished wind direction and speed, humidity, temperature, and pressure at various altitudes above the ground. Ground artillery units could use the information to make corrections for atmospheric effects on the trajectory of the projectiles.

#### Replacement Courses

In a letter dated 21 April 1945, headquarters Army Ground Forces directed that meteorological courses be established at FAS to train replacements for the meteorological sections of field artillery observation battalions to start on or about 30 June 1945. Three courses were prescribed:

Officer Meteorology Course	12 weeks
Enlisted Meteorology Operator Course	16 weeks
Enlisted Meteorology Maintenance Course	16 weeks

The Department of Observation prepared programs of instruction for the courses, started to assemble the necessary equipment, and otherwise planned for the conduct of the courses.

However, on 13 July 1945 a letter was received from headquarters, Army Ground Forces, advising that the revised Troop Basis had created a surplus of trained teams, so that it would not be necessary to train replacements. It was therefore directed that the proposed courses would be suspended until further notice. The plan was never revived.

## METEOROLOGICAL TEAM TRAINING COURSE

Purpose: To train meteorological officers, enlisted meteorological operators, and maintenance technicians as members of teams for service as meteorological sections of field artillery observation battalions.

Scope: Basic meteorology required to understand and operate the instruments and equipment of the field artillery meteorological team; theory and practice required to operate the instruments and equipment and to furnish the required metro messages; maintenance and repair of the instruments and equipment; trouble shooting of the electrical equipment; intensive team training in all phases of meteorology work as practiced in the field artillery observation battalion.

Prerequisites: Selected officers who have had training in physics or electrical engineering and who have had training as weather observers. Enlisted men who have had the preliminary training for this course at FAS; operators and maintenance men who have had courses at Chanute Field, Ill., and Spring Lake, N. J., respectively; former training or experience in repair of radios or electronic apparatus, or who have completed successfully the Enlisted Radio Repairman Course, or have had equivalent civilian practical experience.

Comments: See "Comments on Meteorological Training Program."

The teams in Class No. 2 all started the course on 23 April 1945, but were graduated as they were needed for assignment to units.

Certificates of Attendance issued to the officers were headed, "Officers' Meteorological Team Training Course," and those issued to the enlisted men were headed "Enlisted Meteorological Team Training Course."

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1	5 Feb 45--28 Apr 45	12 weeks
No. 2A	23 Apr 45--30 May 45	5-1/2 weeks
No. 2B	23 Apr 45--9 June 45	7 weeks
No. 2C	23 Apr 45--15 Sep 45	16-21 weeks

Officers

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates No.</u>	<u>Total</u>	<u>Failures No.</u>	<u>Total</u>
1	5 Feb 45--28 Apr 45	29	10	10	0	0
2A	23 Apr 45--30 May 45	19	1	11	0	0
2B	23 Apr 45-- 9 Jun 45		4	15	0	0
2C	23 Apr 45--15 Sep 45		14	29	0	0

Enlisted

1	5 Feb 45--28 Apr 45	84	40	40	0	0
2	23 Apr 45--30 May 45	79	4	44	0	0
	23 Apr 45-- 9 Jun 45		16	60	0	0
	23 Apr 45--15 Sep 45		60	120	0	0

## ENLISTED BASIC METEOROLOGY COURSE

Purpose: To provide basic training in meteorology for enlisted men to prepare them for the Meteorological Team Training Course and ultimate assignment to meteorological sections of field artillery observation battalions.

Scope: Field artillery meteorology; meteorological instruments and equipment; pilot balloon--tracking and course plotting; zone and ballistic winds; air density; ballistic density; artillery metro message; sound metro message.

Prerequisites: Men specially selected for the meteorological teams to be enrolled in the Meteorological Team Training Course.

Comments: See "Comments on the Meteorological Training Program."

This was not a regularly authorized course but was set up especially for the 120 enlisted men selected for the first 50 meteorological teams to be trained in the Meteorological Team Training Course.

Certificates of Attendance were issued to the 118 men who completed the course, although all work was graded and grades recorded.

<u>Classes</u>		<u>Dates</u>		<u>Duration</u>			
No. 1 to No. 3		18 Dec 44-- 3 Mar 45		5 weeks			
No. 4		1 Mar 45--24 Mar 45		3-1/2 weeks			

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	18 Dec 44--20 Jan 45	45	42	42	1	1
2	1 Jan 45-- 3 Feb 45	41	38	80	0	1
3	29 Jan 45-- 3 Mar 45	27	29	109	0	1
4	1 Mar 45--24 Mar 45	9	9	118	0	1

## COMMENTS ON THE RADAR PROGRAM

The field artillery radar program was initiated in a letter from the Commandant to the CG AGF dated 2 October 1944, which was followed by a series of conferences at Hq AGF, Camp Evans Signal Laboratory, and FAS, with a representative of the FAS participating (Lt Col Paul Walters). In November 1944 experimentation in the use of radar for the location of ground targets was started. In the absence of equipment at FAS, a radar set SCR-584 was borrowed from the Anti-Aircraft Command at Fort Bliss, together with 1 officer and 8 enlisted men experienced in its operation. Exhaustive tests were conducted by the Department of Observation, and reports of tests were prepared, out of which grew the doctrine on the use of radar in ground target detection. The SCR-584 was adequately tested and modified for the role. The AN/TPQ-3 was one of the results of these tests.

Out of the conferences also grew a tentative table of organization for counter-mortar units for service with division. This originally provided for a division artillery headquarters section of 1 officer and 2 enlisted men, and 4 battalion sections, or teams, each made up of 1 officer and 17 enlisted men. This latter figure was later reduced to 15, and the number of battalion sections in a division was reduced to 3.

Each battalion counter-mortar section included 1 radar repairman and 5 radar operators. The division artillery section included 1 radar repairman. The remaining enlisted men of the sections were not necessarily radar-trained--truck drivers, radio operators, wiremen, and observers. All officers were radar-trained.

In order to train the personnel for the sections, the following courses were set up at FAS:

Officers' Radar Course	6 weeks
Enlisted Radar Operator Course	6 weeks
Enlisted Radar Repairman Course	6 weeks
Radar Team Training Course	6 weeks

The first class of the Officers' Radar Course started on 19 March 1945, but it was necessary to suspend the instruction at the end of the second week because some of the equipment had not arrived as expected. For the same reason, Class No. 2 and

Class No. 3 were cancelled. Instruction for Class No. 1 was resumed on 28 May, and the class was graduated on 30 June 1945. With the 2 additional classes subsequently conducted, a total of 61 officers was graduated.

The first class of the Enlisted Radar Operator Course also started on 19 March 1945 and was suspended at the end of the third week for lack of equipment. It resumed on 28 May and finally ended on 30 June 1945. One additional class was conducted, and when the course was terminated on 22 September 1945, a total of 195 operators had been graduated.

The first class of the Enlisted Radar Repairman Course was not started at FAS until 13 August 1945, terminating on 22 September 1945 with 20 graduates. Facilities for conducting this course were not earlier available at FAS. No additional classes were conducted. In the meantime, the enlisted men selected for training as radar repairmen were given an intensive course of 4 weeks duration at the Signal Corps School, Fort Monmouth, N. J. This course was originally set up for 3 weeks duration, but was extended to 4 weeks. One officer and 98 enlisted men took the course.

The graduates of the Officers' Radar Course, Enlisted Radar Operator Course, and the Signal Corps School Radar Repairman Course (succeeded by the Enlisted Radar Repairman Course, FAS), together with the necessary number of "fillers" with appropriate SSNs (the non-radar men referred to above), were assembled into teams, each organized in accordance with the tentative table of organization for battalion counter-mortar section, and enrolled in the Radar Team Training Course. The teams functioned as units in this course, each team training with the radar set which it later helped to pack for export and which was to accompany it to the theatre. The curriculum included considerable practical work in the field.

The original plan provided for training in each class sufficient teams, or counter-mortar sections, for 5 divisions, including the division artillery sections. However, by the time Class No. 1 of the Radar Team Training Course was started on 2 July 1945, redeployment of army personnel was in progress, in some cases causing separation from the service and in others causing non-eligibility for overseas duty, so that actually 23 officers and 288 enlisted men completed the course in Class No. 1. Only 2 classes in this course were conducted.

Class No. 1 of the Radar Team Training Course completed training on 11 August 1945 and soon thereafter 15 battalion sections and 5 division artillery sections, with equipment, were ready for shipment to the theatre. However, VJ Day soon intervened and redeployment regulations were adjusted downward. Disintegration of the sections ensued.

On or about 14 November 1945, complete teams of counter-mortar personnel were shipped to 5 divisions in this country which had been redeployed from ETO and scheduled to remain here. Each of the divisions received the following personnel:

- 1 division artillery section -- 1 officer and 2 EM.
- 3 battalion sections -- 1 officer and 15 EM each.
- 1 signal maintenance repair unit -- 1 officer and 4 EM.

A proposed table of organization for field artillery radar employment at Corps level may be found in AG File 352.11.

#### Personnel

The personnel phase of the radar training program was a major problem in itself. The original project contemplated the training of sufficient teams for 22 divisions, which would require a minimum of 88 officers and 1034 enlisted men, not counting a small overstrength to offset losses. In addition to this, 45 officers and 50 enlisted men were required for instructors. About this many were recruited from the anti-aircraft artillery, which had a surplus of radar-trained personnel due to the reduction in strength of anti-aircraft artillery in the European Theatre because of our attaining dominance in the air.

It was deemed necessary to give this personnel some field artillery training, in view of their prospective service with field artillery units. The Officers' Special Basic Course was considered an appropriate course for the officers and some were enrolled there. However, due to previous commitments for quotas in the ensuing classes of that course, as well as the time element, the officers scheduled for enrollment in Officers' Radar Course, Class No. 1, were given a 4 weeks course in basic field artillery subjects, known as Officers' Radar Preparatory Course. The term "radar" was used in the title merely to identify the course with the program, as no radar instruction was included. This course was not set up as a regularly authorized course, and no course capacity was allotted by higher headquarters.

All enlisted men were enrolled in Enlisted Radar Preparatory Course of 4 weeks duration and likewise devoted to basic field artillery subjects exclusively. Four classes were conducted and 377 men were graduated. The so-called "fillers" for the radar teams did not take this course, as they were largely trained field artillerymen. This was a regularly authorized course with a course capacity of 120.

The enlisted men sent in from the anti-aircraft artillery were carefully screened upon arrival, and many were rejected as not suitable for this program.

The delay in arrival of some of the radar equipment afforded an opportunity to give additional field artillery training to the personnel. Several hundred of the enlisted men were enrolled in regular enlisted specialist courses as follows: Motor--220; Communication--143; Radio Repairman--26; Flash Ranging--33; Sound Ranging--28. Likewise, some of the officers were enrolled in the Officers' Special Basic Course who would otherwise have had to be content with the short Officers' Radar Preparatory Course.

Using a program of instruction prepared at FAS, approved by Hq R&SC, field artillery training was continued, starting in July 1945, at the FARTC, Ft Sill, for the men who were awaiting enrollment in the radar courses at FAS.

Some units in the Mediterranean and European Theatres had had some success with radar in the location of ground targets, notably the Fifth Army in Italy and the Fifteenth Army in France and Germany. Some men--possibly 100--who had radar experience in those units were sent direct to FAS from overseas, but most of them were eligible for separation under redeployment regulations.

In all, some 125 officers and 1400 enlisted men passed through FAS in connection with the radar program.

## OFFICERS' RADAR PREPARATORY COURSE

**Purpose:** To provide basic field artillery training for officers from the anti-aircraft artillery to prepare them for service with radar sections of field artillery units.

**Scope:** Organization and equipment; firing battery; elementary gunnery and survey; maps and photomaps; elementary field artillery tactics.

**Prerequisites:** Limited to officers undergoing conversion from anti-aircraft artillery to field artillery, for service with radar sections of field artillery units.

**Comments:** The term "radar" was used in the title of this course merely to identify it with the program. No radar instruction was included.

This was not a regularly authorized course and was conducted as an expedient to orient in field artillery the officers who were scheduled for enrollment in the Officers' Radar Course before they could complete the Officers' Special Basic Course.

The officers in Class No. 2 were enrolled in the Officers' Radar Course before completion of this course.

<u>Classes</u>		<u>Dates</u>			<u>Duration</u>	
No. 1		19 Feb 45--17 Mar 45			4 weeks	
No. 2		19 Mar 45--incomplete				

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	19 Feb 45--17 Mar 45	40	40	40	0	0
2	28 Mar 45--28 Apr 45	35	36	76	0	0

## OFFICERS' RADAR COURSE

**Purpose:** To train experienced radar officers for duty, with field artillery mortar locator teams.

**Scope:** Survey; maps and air photos; countermortar technique; tactics, with particular reference to radar teams; theory and maintenance of AN/TPS-3 (later, AN/TPQ-3); team training, each officer receiving instruction in the duties of each member of the team.

**Prerequisites:** Officers specially selected because of their radar training and experience, which should be at least a year.

**Comments:** See "Comments on the Radar Program." The first class was started on 19 March 1945, but it was necessary to suspend the instruction at the end of the second week because some of the equipment had not arrived as expected. For the same reason, Class No. 2 and Class No. 3 were cancelled. Instruction for Class No. 1 was resumed on 28 May and the class was graduated on 30 June 1945. With the two additional classes subsequently conducted, 61 officers were graduated.

<u>Classes</u>		<u>Dates</u>			<u>Duration</u>	
No. 1 to No. 5		19 Mar 45--2 Nov 45			6 weeks	
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	19 Mar 45--30 Jun 45	27	25	25	1	1
2	Cancelled					
3	Cancelled					
4	13 Aug 45--22 Sep 45	30	27	52	3	4
5X	1 Oct 45-- 2 Nov 45	9	9	61	0	4

## ENLISTED RADAR PREPARATORY COURSE

**Purpose:** To give basic instruction in field artillery subjects for enlisted radar specialists transferred from other branches for service with field artillery radar teams.

**Scope:** Map and air photo reading; communication principles, involving both wire equipment and radiotelephone; basic gunnery; field artillery weapons and ammunition; combat intelligence; care, maintenance and operation of motor vehicles and engines.

**Prerequisites:** This course was established for the exclusive purpose of giving basic field artillery training to enlisted men from other arms (principally AAA) who were sent to the Field Artillery School by higher headquarters to receive radar training and ultimately to be assigned as members of radar teams for duty with field artillery units.

**Comments:** See "Comments on the Radar Program."

The term "radar" is used in the title of this course merely to identify it with the program. No radar instruction was included.

<u>Classes</u>		<u>Dates</u>			<u>Duration</u>	
No. 1 to No. 4		19 Feb 45--23 Jun 45			4 weeks	
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	19 Feb 45--17 Mar 45	188	188	188	0	0
2	2 Apr 45--28 Apr 45	100	98	286	0	0
3	30 Apr 45--26 May 45	39	37	323	0	0
4	28 May 45--23 Jun 45	57	54	377	0	0

## ENLISTED RADAR OPERATOR COURSE

**Purpose.** To qualify noncommissioned officers as radar operators, plotters, and computers, for ultimate assignment to a field artillery mortar locator team.

**Scope:** Includes technique and operation of the radar set, plotting and computing data for mortar location, basic instruction in the characteristics of the electronic equipment used. Emphasis is placed on practical instruction in all duties of the counter-mortar team.

**Prerequisites.** AGCT score of at least 90 and MAT score of at least 90; basic training in field artillery or successful completion of Enlisted Radar Preparatory Course; working knowledge of higher mathematics. Previous training as radar operator essential.

**Comments:** See "Comments on the Radar Program."

Class No. 1 started 19 March 1945, but was suspended at the end of the third week for lack of equipment, resuming on 28 May and graduating on 30 June. Upon resumption of the instruction on 28 May, some time was spent on reviewing the work of the first three weeks, so that this class spent in the aggregate more than seven weeks in the course.

Class No. 2 and Class No. 3 were cancelled, primarily because of the equipment situation.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1	19 Mar 45--30 Jun 45	6 weeks (See Comments)
No. 4	13 Aug 45--22 Sep 45	6 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	19 Mar 45--30 Jun 45	116	94	94	12	12
2	Cancelled					
3	Cancelled					
4	13 Aug 45--22 Sep 45	123	101	195	10	22

## ENLISTED RADAR REPAIRMAN COURSE

Purpose. To qualify enlisted personnel as technicians in second and third echelon maintenance of the radar set and related equipment for ultimate assignment to a field artillery mortar locator team.

Scope: Field operation of equipment; theory, operation, adjustment, maintenance and trouble shooting of components of AN/TPQ-3; detailed study of modulator, transmitter, power distribution, receiver, indicator unit, range unit circuits, azimuth control, and nerve system; pedestal assembly and antenna assembly; cabling and console wiring; theory and proper use of testing equipment.

Prerequisites: AGCT score of 90 or better and MAT score of 90 or better; successful completion of a course in basic electronics and radar systems of 18 weeks, or equivalent experience to include at least 6 months of experience in radar repair.

Comments: See "Comments on the Radar Program." Only one class conducted.

<u>Classes</u>		<u>Dates</u>			<u>Duration</u>		
No. 1		13 Aug 45--22 Sep 45			6 weeks		
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>		<u>Graduates</u>		<u>Failures</u>	
		<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	13 Aug 45--22 Sep 45	23	20	20	3	3	

## RADAR TEAM TRAINING COURSE

**Purpose:** To orient, group, and train officers and enlisted specialists to work as teams, in the location of hostile mortars by radar.

**Scope:** Introductory mortar location problems followed by one and four day field problems under simulated battle conditions to teach team cooperation and battle efficiency; specialist training to train radio operators, survey party, plotters, and other specialists as members of the team; reconnaissance, selection, and occupation of position under varying conditions and different modes of operation; issuance of equipment; maintenance of radars, radio, trucks.

**Prerequisites:** Officers and enlisted men should have completed satisfactorily the Officers' Radar Course or the Enlisted Radar Operator Course or the Enlisted Radar Repairman Course; enlisted men qualified in their MOS.

**Comments:** See "Comments on the Radar Program."

<u>Classes</u>		<u>Dates</u>		<u>Duration</u>		
No. 1 to No. 2		2 Jul 45-- 2 Nov 45		6 weeks		
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
<u>Officers</u>						
1	2 Jul 45--11 Aug 45	24	23	23	0	0
2	24 Sep 45-- 2 Nov 45		30	53	0	0
<u>Enlisted</u>						
1	2 Jul 45--11 Aug 45	288	288	288	0	0
2	24 Sep 45-- 2 Nov 45	241	241	529	0	0

## COMMENTS ON THE AIR TRAINING PROGRAM

In accordance with a War Department directive issued at the request of Maj Gen R. M. Danford, then Chief of Field Artillery, 14 officers and 20 enlisted men of the field artillery, holders of civil pilot licenses, reported for temporary duty to the Field Artillery School on 14 January 1942. They were organized as the Air Training Detachment under the command of Lt Col W. W. Ford, who was subsequently designated as the Director of Air Training. Between 14 January and 28 February 1942, these individuals underwent a course of instruction in short-field flying technique and the maintenance of liaison type airplanes. The instruction was given by 7 civilian flight instructors and 3 civilian maintenance instructors whose services were obtained through the cooperation of the Civil Aeronautics Authority and the manufacturers of the airplanes used. Thirteen officers and 8 enlisted men successfully completed the course.

At the conclusion of the course, 20 of the pilots who graduated and 6 airplane mechanics who had contemporaneously received instruction at the Piper Aircraft factory and subsequently with the Air Training Detachment were divided into 2 test groups. One group reported to the 13th Field Artillery Brigade at Fort Bragg, North Carolina, and the other to the Second Division Artillery, which arrived at Fort Sill from Fort Sam Houston, Texas on 1 March 1942. At the conclusion of the 2 months' tests, conducted in the field under the direction of boards of officers appointed for the purpose, favorable reports were rendered and the test groups returned to the Field Artillery School pending further action by the War Department.

On 6 June 1942 the War Department approved the adoption of organic air observation for field artillery and directed that the Field Artillery School conduct the training of pilots and mechanics to be procured from the Ground Forces, with the understanding that these trainees must have had prior flight and mechanical experience. The Department of Air Training was thereupon organized, with Col W. W. Ford (promoted 25 June 1942) as Director.

In preparation for the starting of the regular instruction, highly skilled flight instructors and maintenance instructors were employed from civil life and the pilots who had participated in the field tests, with the exception of those filling administrative positions in the department, were given intensive training to become flight instructors.

The first class for liaison pilots was started on 3 August 1942. Students were recruited from 2 sources:

(1) Officers not above the grade of captain and enlisted men of the Ground Forces who volunteered, held or had recently held CAA private pilot licenses, had logged at least 60 hours of pilot time, weighed no more than 170 pounds, and could pass physical examination as Class 1 or 2, AR 40-110, 3 December 1942. The students for the first 5 classes came from this source exclusively.

(2) The Commanding General, Army Air Forces was directed to furnish 100 basically-trained pilots a month, commencing in September. The first of these arrived at the Field Artillery School on 19 September 1942 and those found to be qualified were enrolled in Class No. 6. These men had graduated from primary flight schools conducted under the auspices of the Civilian Pilot Training Authority, enrolled in the Air Corps Reserve, placed on active duty, and rated as Liaison Pilots. During the period 1 September-26 November 1942, 338 such pilots were furnished. Of these, 102 were found to be unfit for field artillery pilot training, many of them because of being overweight. Of the 236 actually enrolled, 16% were dropped during the course, so that the yield from the 338 originally sent was only 198.

In a letter dated 17 November 1942, the CG, AGF authorized the Commandant to send 25 field artillery officers to an AAF pilot training course beginning on or about 26 November 1942, and the same number each week thereafter. These officers received 9 weeks of primary training as liaison pilots and then returned to the Field Artillery School for the field artillery pilot course. The first school used for this purpose was the Hart Flying School at Denton Field, Texas. The prescribed course at the Field Artillery School for these particular officers was of 5 weeks' duration, but all classes required more time than that because of delays, caused principally by bad flying weather.

The officers sent to Denton Field by the Commandant, effective with the class starting 26 November 1942, were to be selected from the Staff, Faculty, and Detachment and from School Troops, as well as the Field Artillery Replacement Training Center. Effective with the class reporting at Denton Field on or about 3 December 1942, the Commandant was authorized to send each week 25 selected Officer Candidate School graduates and attached unassigned officers attending various courses at the School. The first group of OCS graduates thus selected came from the class graduating on 19 November 1942. With the 10 days' delay enroute given all OCS graduates, they returned to Fort Sill in good time to report at Denton Field before 3 December.

When the course for field artillery pilots was first established, the prescribed duration for pilots from the Ground Forces was 7 weeks. The enlisted reservists sent in by the Air Forces from the Civilian Pilot Training Schools were to have a course of 10 weeks' duration. The first 5 weeks of the latter course were to be devoted primarily to basic military training, because these students had had no such training.

Effective with the first class from Denton Field, which started training at the Field Artillery School on 1 February 1943, the duration of the pilot course was changed to 5 weeks.

In a communication dated 8 February 1943, the CG, AGF indicated that on or about 15 February 1943 the AAF primary flying school at Pittsburg, Kansas, would also be used for the training of field artillery pilots, and that effective on or about 20 April 1943, enlisted men would no longer be eligible for liaison pilot training.

In a letter dated 12 February 1943, the CG, AGF set up the following requirements, effective in March 1943.

Basic flying training at an AAF primary training school--approximately 10 weeks.

FAS course of approximately 5 weeks.

One class each week--capacity 50 students.

Students to be assigned to Field Artillery School on permanent change of station, concurrently with enrollment in basic flying course.

Starting with Denton Field on 18 March 1943, classes would alternate between Denton and Pittsburg.

Quotas were allotted to units in the field and to Replacement and School Command, the latter's quota to be filled by the Field Artillery School, as previously.

In the meantime, starting with the 18 February class, Field Artillery School would send 50 student officers to Denton Field each week.

Prerequisites:

Lieutenants or captains commissioned or detailed in field artillery.

Not more than 36 years of age.

Maximum weight-- 170 pounds.

Physically qualified as Class 1 or 2, AR 40-110,  
3 December 1942.

No previous flying experience required.

The following is taken from a directive issued by the CG, AAF to the Flying Training Command as an accurate portrayal of the situation in liaison pilot training as of 16 March 1943:

The Commanding General, Army Ground Forces, establishes the minimum standards required for service with organic air observation, selects this personnel and conducts the operational training of rated liaison pilots in the tactical employment of organic air observation for field artillery.

The Commanding General, Army Ground Forces, selects qualified field artillery officers and sends fifty of them each week to Army Air Forces Flying Training Command (Denton and Pittsburg) for flying instruction. Approved tables of organization provide that not to exceed ten per cent can be in the grade of captain and the remainder are lieutenants.

The Commanding General, Army Air Forces, establishes the minimum standards required for flying and for aeronautical ratings, conducts all flying training, and awards all aeronautical ratings.

The flying training course will be such as to qualify selected officers in the safe and efficient operation of liaison airplanes of the types supplied the field artillery. The course will include qualification for the rating of liaison pilot in accordance with minimum standards established therefor by the Commanding General, Army Air Forces. The course is of nine weeks' duration and includes a minimum of sixty hours flying instruction in addition to the appropriate ground school courses.

Minor modifications in this course of instruction consistent with the maintenance of established minimum standards for liaison pilots may be made. Adjustments in the duration of the course will require prior coordination between the Army Ground Forces and Army Air Forces, and approval by the War Department.

When an officer beginning the flying training instruction presents acceptable records of an appreciable amount of previous flying experience, it is desired that he be permitted to advance through the course as rapidly as his knowledge of required ground school subjects and his demonstrated flying ability warrant. In order to maintain the minimum standards established for liaison pilots these officers will be required to meet all requirements for the rating.

Effective on or about 19 April 1943 (approximate date on which the officers who began flying training on 15 February are scheduled to complete the course), the Commanding General, Army Air Forces, will send to Army Ground Forces only those officers received therefrom as indicated above.

During the period from the present date (16 March 1943) until preceding paragraph becomes effective (o/a 19 April 1943), AAF will supply AGF (Fort Sill) with forty liaison pilots weekly. Weekly quotas will be filled as follows.

1st priority--all field artillery officers supplied by AGF who have successfully completed the flying training course and been rated liaison pilots.

2d priority--enlisted graduates of the Civilian Pilot Training liaison pilot training course which was especially arranged to prepare individuals for service with organic air observation for field artillery. These individuals will have completed basic military training and been rated liaison pilots prior to their transfer to Fort Sill.

3d priority--well qualified enlisted volunteers who have completed basic military training and have been rated liaison pilots.

Vacancies--remaining vacancies in any weekly quota will not be filled.

Liaison pilots supplied to AGF by AAF (from their own sources) may be returned to AAF by AGF if they fail to successfully complete the Field Artillery Pilot Course at the Field Artillery School.

The Field Artillery School course for field artillery pilots (officers) is of approximately 5 weeks' duration and includes approximately 40 hours of flying operations.

On 12 June 1943 the War Department authorized an increase in duration from 5 to 6 weeks. The Field Artillery School had recommended an increase to 7 weeks, to permit additional instruction in cross-country flying, but the War Department decided that 1 additional week should be sufficient.

Under date of 15 September 1943, headquarters AGF issued a new directive prescribing qualifications for enrollment in the Field Artillery Pilot Course, effective 1 October 1943. This changed the directive of 12 February 1943 as follows

(1) Be in the grade of lieutenant.

(2) Have not previously been assigned to liaison pilot training and failed to complete the prescribed course.

While this directive limited the training to lieutenants, a few captains were accepted through Class No. 62, which started 24 January 1944.

On 17 October 1943 the above directive was amended by adding the following:

Have not previously been eliminated from training at an AAF primary training school.

Effective with Class No. 77, starting 8 May 1944, the duration of the course was increased to 10 weeks. Also, effective with the class reporting at Pittsburg, Kansas, on 4 May 1944, the duration of the basic flying course was increased to approximately 12 weeks.

The directive of 15 September 1943 listed only Pittsburg, Kansas, for primary training. However, some students were sent to Denton, Texas, through Class No. 63, which started primary training on or about 16 November 1943 and started the course at the Field Artillery School on 31 January 1944.

The CG, AGF, in a letter dated 7 April 1944, directed that tests be conducted to determine proper installation, operation, care, and maintenance of seaplane-equipped (pontoons), field artillery airplanes. Also, he directed that instruction in same be given pilots and mechanics. As a result, facilities for such instruction were established at Lake Lawtonka and subsequent classes were given some instruction in taking off from and landing on water with pontoon-equipped airplanes.

On 31 October 1944 the CG, AGF, directed that training be conducted in the use of the cable launching and landing apparatus (Brodie Device), used for launching and landing of airplanes in restricted areas on land as well as on naval landing craft. The Department did some development work with this device and included some instruction in its use in the pilot and air mechanic courses.

In the autumn of 1944 it was decided to suspend the pilot training temporarily, as it appeared that sufficient pilots had been trained to meet requirements until 1 January 1945. Under this plan, Class No. 88 was the last to be enrolled for almost 6 months; it reported at Pittsburg on or about 27 July 1944 and started the course at the Field Artillery School on 23 October 1944. At this time the Army Air Force was engaged in terminating its contracts with civilian flying schools, including Pittsburg. Consequently, Class No. 88 was the last to receive basic training at Pittsburg. This class received 11 weeks instruction at basic flying school and 10 weeks at the Field Artillery School.

In January 1945 the training of pilots was resumed and a more adequate course was set up, consisting of 14 weeks basic flying instruction under Army Air Force instructors at Sheppard Field, Texas, and 14 weeks of field artillery pilot training at the Field Artillery School, with a class of 30 lieutenants entering every 2 weeks. Class No. 89, reporting at Sheppard Field on or about 13 January 1945, was the first to be enrolled under this new program. However, before the next class was due for enrollment, it was determined that the pilot losses in the current operations in Europe were great enough to warrant more speed in turning out replacements. Consequently, on 23 January 1945, word was received from AGF that effective with the next class, scheduled to start basic training at Sheppard Field on 29 January 1945, classes would be increased from 30 to 40 students each, and the period of basic training would be limited to 11 or 12 weeks and the field artillery pilot training at the Field Artillery School to 5 weeks. This program prevailed at Sheppard Field for 3 classes and at the Field Artillery School for 5 classes.

<u>Class No.</u>	<u>Sheppard Field</u>		<u>Field Artillery School</u>	
	<u>Dates</u> 1945	<u>Weeks</u>	<u>Dates</u> 1945	<u>Weeks</u>
89	13 Jan--31 Mar	11	2 Apr-- 5 May	5
90	27 Jan--14 Apr	11	16 Apr--19 May	5
91	2 Feb--28 Apr	12	30 Apr-- 2 Jun	5
92	9 Feb--19 May	14	21 May--23 Jun	5
93	23 Feb-- 2 Jun	14	4 Jun-- 7 Jul	5
94	9 Mar--16 Jun	14	18 Jun--22 Sep	14

Effective with Class No. 94, the full schedule of 14 weeks each at Sheppard Field and the Field Artillery School was put into effect and was continued thereafter.

Effective with Class No. 101, which started training at Sheppard Field on 18 June 1945 and at the Field Artillery School on 24 September 1945, the course capacity was reduced from 280, or 40 per class, to 210, or 30 per class.

Duration of Course at Field Artillery School

<u>Effective date</u>	<u>Authorized duration in weeks</u>
3 August 1942	7 for officers; 10 for enlisted men
1 February 1943	5
12 June 1943	6
8 May 1944	10
2 April 1945	5
18 June 1945	14

## FIELD ARTILLERY PILOT COURSE

Purpose: To qualify officers as field artillery airplane pilot-observers.

Scope: Includes operational flight training, using roads and landing areas of reduced size; extended flying; tactical employment of field artillery observation airplanes; organization and camouflage of landing strips; observation of fire from the air; maintenance and repair of liaison type field artillery observation airplanes.

Prerequisites: No previous flying experience required. Student officers must be volunteers; in grade of lieutenant, not more than 36 years of age, commissioned in or detailed in field artillery; not more than 170 pounds in weight; physically qualified as Class 1 or Class 2 in accordance with provisions of AR 40-110, 3 December 1942; taking course for first time. Officers previously assigned to liaison pilot training and who failed to complete prescribed courses may not be re-enrolled.

Comments: The above purpose, scope, and prerequisites were those in effect in the summer of 1945. See "Comments on the Air Training Program."

For the first 29 classes, enlisted men were eligible for enrollment in this course. After 20 April 1943 only captains and lieutenants were eligible, and after January 1944 only lieutenants were accepted.

The duration of the course for the various classes shown below represents in each case the actual time the class was enrolled in the course. In many instances this time did not agree with the authorized duration in effect at the time, primarily because of delays from unsuitable flying conditions, such as rain, high winds, or low visibility.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 3	3 Aug 42--16 Oct 42	7 weeks
No. 4	7 Sep 42--30 Oct 42	8
No. 5 & No. 6	14 Sep 42-- 2 Dec 42	9
No. 6A to No. 8	28 Sep 42-- 1 Jan 43	12
No. 9 & No. 10	2 Nov 42--15 Jan 43	11
No. 12	30 Nov 42--22 Jan 43	7
No. 13	16 Nov 42--29 Jan 43	11
No. 14A	16 Nov 42-- 5 Feb 43	12
No. 14B	16 Nov 42--12 Feb 43	13
No. 15	23 Nov 42--20 Feb 43	13
No. 16 & No. 17	11 Jan 43-- 6 Mar 43	7
No. 18	1 Feb 43--13 Mar 43	6
No. 19 & No. 20	9 Feb 43--3 Apr 43	7
No. 21 & No. 22	22 Feb 43--24 Apr 43	8
No. 23 to No. 25	8 Mar 43-- 8 May 43	7
No. 26-II	3 Apr 43--15 May 43	6
No. 26-I to No. 29	3 Apr 43--19 Jun 43	7
No. 30	3 May 43--26 Jun 43	8
No. 31	31 May 43-- 3 Jul 43	5
No. 32 to No. 37-I	31 May 43--14 Aug 43	6
No. 37-II	5 Jul 43--21 Aug 43	7
No. 38-I	12 Jul 43--21 Aug 43	6
No. 38-II	12 Jul 43--28 Aug 43	7
No. 39 to No. 61	2 Aug 43-- 4 Mar 44	6
No. 62 to No. 70	24 Jan 44-- 6 May 44	7
No. 71 to No. 76	27 Mar 44-- 24 Jun 44	8
No. 77 to No. 88	8 May 44--30 Dec 44	10
No. 89 to No. 93	2 Apr 45--7 Jul 45	5
No. 94 to No. 107	18 Jun 45-- 5 Apr 46	14

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	3 Aug 42--18 Sep 42	24	18	18	0	0
2	17 Aug 42-- 2 Oct 42	11	14	32	0	0
3	31 Aug 42--16 Oct 42	17	15	47	0	0
4	7 Sep 42--30 Oct 42	12	7	54	0	0
5	14 Sep 42--13 Nov 42	19	15	69	0	0
6	28 Sep 42-- 2 Dec 42	50	14	83	0	0
6A	28 Sep 42--18 Dec 42		17	100	0	0
7	5 Oct 42--26 Dec 42	24	20	120	0	0
8	12 Oct 42-- 1 Jan 43	27	28	148	0	0
9	19 Oct 42-- 1 Jan 43	18	15	163	0	0
10	2 Nov 42--15 Jan 43	31	19	182	1	1
11	Cancelled					

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
12	30 Nov 42--22 Jan 43	20	17	199	2	3
13	16 Nov 42--29 Jan 43	34	18	217	0	3
14A	16 Nov 42-- 5 Feb 43	58	35	252	0	3
14B	16 Nov 42--12 Feb 43		20	272	0	3
15	23 Nov 42--20 Feb 43	40	22	294	0	3
16	11 Jan 43--27 Feb 43	41	21	315	0	3
17	18 Jan 43-- 6 Mar 43	41	19	344	0	3
18	1 Feb 43--13 Mar 43	42	19	363	0	3
19	8 Feb 43--27 Mar 43	39	27	390	0	3
20	15 Feb 43-- 3 Apr 43	41	25	415	0	3
21	22 Feb 43--17 Apr 43	39	21	436	0	3
22	1 Mar 43--24 Apr 43	40	21	457	0	3
23	8 Mar 43--24 Apr 43	40	24	481	0	3
24	15 Mar 43-- 1 May 43	59	46	527	0	3
25	22 Mar 43-- 8 May 43	60	39	566	0	3
26II	3 Apr 43--15 May 43	60	14	580	0	3
26I	3 Apr 43--22 May 43		16	596	0	3
27	10 Apr 43-- 5 Jun 43	60	33	629	0	3
28	19 Apr 43--12 Jun 43	60	52	681	0	3
29	26 Apr 43--19 Jun 43	52	33	714	0	3
30	3 May 43--26 Jun 43	59	36	750	0	3
31	31 May 43-- 3 Jul 43	53	44	794	0	3
32	31 May 43--10 Jul 43	60	41	835	0	3
33	7 Jun 43--17 Jul 43	60	41	876	0	3
34	14 Jun 43--24 Jul 43	61	46	922	0	3
35	21 Jun 43--31 Jul 43	60	47	969	0	3
36	20 Jun 43-- 7 Aug 43	61	43	1012	0	3
37I	5 Jul 43--14 Aug 43	58	22	1034	0	3
37II	5 Jul 43--21 Aug 43		27	1061	0	3
38I	12 Jul 43--21 Aug 43	51	20	1081	0	3
38II	12 Jul 43--28 Aug 43		22	1103	0	3
39	2 Aug 43--11 Sep 43	59	46	1149	0	3
40	9 Aug 43--18 Sep 43	60	42	1191	0	3
41	16 Aug 43--25 Sep 43	60	44	1235	0	3
42	23 Aug 43-- 2 Oct 43	60	41	1276	0	3
43	30 Aug 43-- 9 Oct 43	60	45	1321	0	3
44	6 Sep 43--16 Oct 43	43	36	1357	0	3
45	13 Sep 43--23 Oct 43	37	31	1388	0	3
46	20 Sep 43--30 Oct 43	43	28	1416	0	3
47	27 Sep 43-- 6 Nov 43	44	37	1453	0	3
48	4 Oct 43--13 Nov 43	41	29	1482	0	3
49	11 Oct 43--20 Nov 43	44	34	1516	0	3
50	18 Oct 43--27 Nov 43	44	34	1550	0	3

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
51	25 Oct 43-- 4 Dec 43	48	41	1591	0	3
52	1 Nov 43--11 Dec 43	48	38	1629	0	3
53	8 Nov 43--18 Dec 43	48	36	1665	0	3
54	15 Nov 43--25 Dec 43	50	29	1694	0	3
55	22 Nov 43-- 8 Jan 44	51	33	1727	0	3
56	29 Nov 43--22 Jan 44	51	40	1767	0	3
57	6 Dec 43--29 Jan 44	48	42	1809	0	3
58	13 Dec 43-- 5 Feb 44	49	27	1836	0	3
59	20 Dec 43--12 Feb 44	46	34	1870	0	3
60	27 Dec 43--26 Feb 44	48	28	1898	0	3
61	10 Jan 44-- 4 Mar 44	48	40	1938	0	3
62	24 Jan 44--11 Mar 44	48	23	1961	0	3
63	31 Jan 44--18 Mar 44	26	23	1984	0	3
64	7 Feb 44--25 Mar 44	30	20	2004	0	3
65	14 Feb 44-- 1 Apr 44	26	20	2024	0	3
66	21 Feb 44-- 8 Apr 44	21	22	2046	0	3
67	28 Feb 44--15 Apr 44	25	19	2065	0	3
68	6 Mar 44--22 Apr 44	21	18	2083	0	3
69	13 Mar 44--29 Apr 44	23	21	2104	0	3
70	20 Mar 44-- 6 May 44	22	20	2124	0	3
71	27 Mar 44--20 May 44	19	15	2139	0	3
72	3 Apr 44--27 May 44	28	13	2152	0	3
73	10 Apr 44-- 3 Jun 44	32	36	2188	0	3
74	17 Apr 44--10 Jun 44	22	24	2212	0	3
75	24 Apr 44--17 Jun 44	23	18	2230	0	3
76	1 May 44--24 Jun 44	24	19	2249	0	3
77	8 May 44--15 Jul 44	22	27	2276	0	3
78	5 Jun 44--12 Aug 44	36	27	2303	0	3
79	19 Jun 44--26 Aug 44	47	33	2336	0	3
80	3 Jul 44-- 9 Sep 44	42	41	2377	0	3
81	17 Jul 44--23 Sep 44	36	27	2404	0	3
82	31 Jul 44-- 7 Oct 44	37	32	2436	0	3
83	14 Aug 44--21 Oct 44	31	28	2464	0	3
84	28 Aug 44-- 4 Nov 44	30	34	2498	0	3
85	11 Sep 44--18 Nov 44	39	29	2527	0	3
86	25 Sep 44-- 2 Dec 44	24	23	2550	0	3
87	9 Oct 44--16 Dec 44	35	30	2580	0	3
88	23 Oct 44--30 Dec 44	29	28	2608	0	3
	-- 3 Feb 45 (Wilbanks)	1		2609	0	3
89	2 Apr 45-- 5 May 45	30	28	2637	0	3
90	16 Apr 45--19 May 45	32	29	2666	0	3
91	30 Apr 45-- 2 Jun 45	36	41	2707	0	3
92	21 May 45--23 Jun 45	34	32	2739	0	3

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
93	2 Jun 45-- 7 Jul 45	33	30	2769	0	3
94	18 Jun 45--22 Sep 45	30	22	2791	0	3
95	2 Jul 45-- 6 Oct 45	26	24	2815	0	3
96	14 Jul 45--19 Oct 45	23	19	2834	0	3
97	30 Jul 45-- 2 Nov 45	31	27	2861	0	3
98	Cancelled					
99	27 Aug 45--14 Dec 45	29	16	2877	0	3
100	10 Sep 45--21 Dec 45	21	13	2890	0	3
101	24 Sep 45-- *					
102	8 Oct 45--25 Jan 46	8	12	2902	0	3
103	22 Oct 45-- 8 Feb 46	11	8	2910	0	3
104	5 Nov 45--21 Feb 46	10	6	2916	0	3
105	19 Nov 45-- 8 Mar 46	18	12	2928	0	3
106	Cancelled					
107	17 Dec 45-- 5 Apr 46	11	11	2939	0	3

\* The 10 officers remaining in Class No. 101 on 9 Oct 45 were transferred to Class No. 102 on that date.

## REFRESHER COURSE ON LIAISON TYPE AIRCRAFT

Purpose: To orient AAF flight instructors from Sheppard Field, Texas, in the use of the liaison type aircraft by the field artillery, to enable them to conduct basic flight instruction for field artillery liaison pilots.

Scope: The officers observed the training being given in the Field Artillery Pilot Course by the Department of Air Training.

Prerequisites: Officers from the 2618th AAF Base Unit, Sheppard Field, Texas, selected by their Commanding Officer.

Comments: Eighty officers attended this course, 20 in each class.

Classes were of varying length depending upon the time available from their duties at Sheppard Field.

Basic flight instruction was terminated at Pittsburg, Kansas, on 21 October 1944, and started at Sheppard Field, Texas, on 15 January 1945. (See "Comments on the Air Training Program.")

Course was not graded and no certificates were issued.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1	5 Jan 45--11 Jan 45	1 week
No. 2	15 Jan 45--30 Jan 45	2-2/5 weeks
No. 3	15 Jan 45--13 Feb 45	4-2/5 weeks
No. 4	5 Mar 45-- 8 Mar 45	4 days

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	5 Jan 45--11 Jan 45	20	20	20	0	0
2	15 Jan 45--30 Jan 45	20	20	40	0	0
3	15 Jan 45--13 Feb 45	20	20	60	0	0
4	5 Mar 45-- 8 Mar 45	20	20	80	0	0

## FIELD ARTILLERY PILOT SHORT COURSE

**Purpose:** To familiarize field artillery liaison pilots with new developments in the employment of the Air OP and certain aspects of navigation and tactical employment of the Air OP peculiar to the Pacific Theater.

**Scope.** (1) Flight instruction, to include use of rate instruments, transition in L-5 type airplane, night operational flying, seaplane flying, Brodie device, navigation (dead reckoning) and cross-country flying. (2) Maintenance instruction, to include maintenance problems peculiar to L-5 and L-14 airplanes. (3) Technique of employment instruction, to include survival (equipment and methods), targets, maps, communication, camouflage, local security, use of light aerial camera and emergency light plane resupply. (4) Gunnery instruction, to include handling and use of flares and night air observation of fire.

**Prerequisites:** Must be a rated liaison pilot who has successfully completed the Field Artillery Pilot Course at the Field Artillery School. Must be on flying status. Must be assigned to a troop unit undergoing redeployment training in the continental United States.

**Comments.** No grades kept and no certificates issued.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 3	13 Aug 45--22 Sep 45	2 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	13 Aug 45--25 Aug 45	12	12	12	0	0
2	27 Aug 45-- 8 Sep 45	19	19	31	0	0
3	10 Sep 45--22 Sep 45	28	28	59	0	0

## PILOT MECHANIC COURSE (OFFICERS)

Purpose: Course instituted as a training test, and graduates of course were to be formed into two units to be sent into the field for tests of organic air observation for field artillery under service conditions.

Scope: Officers and enlisted men were trained together as pilot-mechanics. Each student received about 40 hours of actual flying instruction during the course, this being divided into 2 principal stages, Stage "A" and Stage "B." Stage "A", which included dual instruction, contained about 10 hours of flight instruction. Stage "B" had about 30 hours of instruction, concluded by a "stage check." Students then carried observers, made cross-country flight, and maintained their own planes.

Prerequisites. Volunteers were chosen from applicants with civilian flying ratings with the greatest number of flying hours, were recommended by their commanding officers and had Civil Aeronautics Authority records indicating their general fitness or competent flying ability. Each volunteer required to possess a civil pilot's license in the grade of private pilot or higher; his weight not to exceed 170 pounds.

Comments: No grades were kept, but each student was given an academic rating. The enlisted and officer personnel were required to agree to accept training in the grades then held, although promotion to staff sergeant was contemplated for enlisted graduates. Flying pay was not authorized for either officers or enlisted students.

Six men were selected as mechanics and sent to the Piper Aircraft Corporation Plant at Lock Haven, Pa., for a 6 weeks course of training, at the end of which period they were to join the Air Training Detachment at FAS.

Of the 33 candidates who began the course, 12 were relieved for flight deficiencies. Thirteen officers and 8 enlisted men completed the course, including the Director of the Department.

Twenty air observers from the units to which the planes were to be attached for field tests reported on or about 11 February 1942, and were present during the remaining 2 weeks of the training

to participate in a familiarization program. They were given about 5 hours flying each, which was not considered remotely sufficient, but lack of time prevented further instruction. Each observer was given a brief course of instruction which included the following subjects: review of pertinent facts in gunnery technique, especially forward observer methods; orientation flights to accustom the observer to flying; radio procedure; simulated fire missions; actual fire missions, each observer shooting 2 missions and observing at least 2 more from the air.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 only	15 Jan 42--28 Feb 42	6 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	15 Jan 42--28 Feb 42	13	13	13	0	0

## PILOT MECHANIC COURSE (ENLISTED)

Comments: See Pilot Mechanic Course (Officers) for details.  
Both officers and enlisted men were enrolled in one course.

<u>Class</u>	<u>Dates</u>	<u>Orig.</u> <u>Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	15 Jan 42--28 Feb 42	8	8	8	0	0

## FIELD ARTILLERY AIR MECHANIC COURSE

Purpose: To prepare military personnel as light airplane mechanics for field artillery organic air observation.

Scope: Nomenclature; fuels, lubricants; technical orders, forms, records and inspections; principles of operation; functions of parts; materials, exhaust and induction systems; carburetor; magneto; air cleaners; oil radiators; accessories; top overhaul; disassembly and assembly of engine, and engine operation; construction of light airplane; aerodynamics; wings and ailerons; patching; sewing, wood and metal rib repair; fuselage and empennage; wheels; brakes; tail wheel; fuel systems; radio installation; rigging; pyralin repairs; first and second echelon airplane maintenance; minor repairs; execution of forms and records for work accomplished.

Prerequisites: Students must have desire to attend course; character rating of excellent; at least 2 years of high school; minimum AGCT score of 110; at least 1 year experience in maintenance of internal combustion engines.

Comments: See "Comments on the Air Training Program."

A special course of 6 weeks duration was conducted for 12 mechanics in advance of the regularly authorized course. Seven additional mechanics were given certificates of proficiency by virtue of their having had equivalent instruction at the Piper Aircraft factory and at the Department of Air Training.

On 17 August 1942 the first class of the regular course for air mechanics, of 5 weeks duration, was started, as authorized by the War Department on 6 June 1942. The authorized course capacity was 75 students with a class of 15 entering each week. The prerequisites were originally set up as follows: Enlisted men below the grade of technical sergeant who had considerable training as aircraft or automobile mechanics or in some related occupation which would enable them to absorb at a rapid rate training as aircraft mechanics, and who volunteered for the course.

Graduates of the course were not sent back to the units from which they came but were reassigned on instructions from Hq. AGF. FAS was authorized to retain selected graduates for duty as instructors.

Effective with Class No. 56, starting 6 September 1943, students were assigned to the course from quotas allotted to units by Hq, AGF. The practice of asking for volunteers was discontinued, although a desire to attend the course was required. Also, in view of the fact that by this time the greater portion of field artillery units had been supplied with their authorized number of air mechanics, they were authorized to send men to the course who would be returned to their units upon graduation. This was designed primarily to give this training to ground crew helpers.

At the same time, the prerequisites were changed to the following:

- (1) AGCT score of 100 or better.
- (2) At least 2 years of high school education.
- (3) At least 1 year of experience in maintenance of internal combustion engines.
- (4) Excellent character.

The graduates of the Air Mechanic Course were placed in a pool while awaiting assignment instructions. While in that status they were used for maintenance work by the Department of Air Training. In a letter dated 21 September 1943, Hq, AGF authorized the maintenance of such pool at a strength of 45 men. Also, the men now being sent from units were habitually retained for 1 week maintenance experience after graduation, which helped to alleviate the shortage of maintenance personnel in the Department. These men were sometimes retained for 2 weeks, when the strength of the pool was reduced below the number required for maintenance work.

The course capacity was increased to 95 students--19 each week--effective with Class No. 56, starting 6 September 1943. While the authorized capacity had been 15 per class, this number was exceeded more often than not.

The course capacity was again increased in February 1944 to 125 students, or 25 each week.

Effective 1 November 1944 the authorized capacity was reduced to 100 or 20 each week.

On 15 January 1945 it was proposed by FAS that the Air Mechanic Course be increased from 5 weeks to 10 weeks, and this was approved by Hq, AGF. The change became effective with Class No. 130, starting 26 March 1945. This increase in training time was desirable for the following reasons.

Additional equipment on which the students were to receive instruction, such as new electrical equipment, controllable pitch propellers, pontoons, and Brodie Device.

Adoption of the L-5 airplane, equipped with a different engine, thus requiring instruction on 2 types of engines instead of 1.

Students not as well prepared as previously, since they were supplied on quotas from training centers, and most of them had had limited experience with internal combustion engines.

Previously, graduates of the course were assigned to units in the field where some field training could be received before overseas shipment. Under the later policy, they were expected to be qualified as replacements, thus necessitating the inclusion of some field training in the course.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
Special	20 Jul 42-- 1 Sep 42	6 weeks
No. 1 to No. 129	17 Aug 42--14 Apr 45	5 weeks
No. 130 to No. 145	26 Mar 45--15 Feb 46	10 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
Special	20 Jul 42-- 1 Sep 42	18	19	19	0	0
1	17 Aug 42--18 Sep 42	16	13	32	1	1
2	24 Aug 42--25 Sep 42	15	14	46	0	1
3	31 Aug 42-- 2 Oct 42	15	15	61	0	1
4	7 Sep 42-- 9 Oct 42	13	15	76	0	1
5	14 Sep 42--16 Oct 42	21	21	97	0	1
6	21 Sep 42--23 Oct 42	17	19	116	0	1
7	28 Sep 42--30 Oct 42	12	12	128	0	1
8	5 Oct 42-- 6 Nov 42	15	15	143	0	1
9	12 Oct 42--13 Nov 42	16	9	152	0	1
10	19 Oct 42--20 Nov 42	16	18	170	0	1
11	26 Oct 42--27 Nov 42	11	11	181	1	2

<u>Class</u>	<u>Dates</u>	<u>Orig.</u>	<u>Graduates</u>		<u>Failures</u>	
		<u>Enr.</u>	<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
12	2 Nov 42-- 4 Dec 42	14	11	192	1	3
13	9 Nov 42--12 Dec 42	17	18	210	0	3
14	16 Nov 42--18 Dec 42	25	27	237	1	4
15	23 Nov 42--25 Dec 42	24	20	257	1	5
16	30 Nov 42-- 1 Jan 43	22	21	278	0	5
17	7 Dec 42-- 8 Jan 43	18	15	293	0	5
18	14 Dec 42--16 Jan 43	15	16	309	0	5
19	21 Dec 42--22 Jan 43	9	10	319	0	5
20	28 Dec 42--29 Jan 43	15	15	334	0	5
21	4 Jan 43-- 5 Feb 43	11	11	345	0	5
22	11 Jan 43--12 Feb 43	15	15	360	0	5
23	18 Jan 43--20 Feb 43	11	11	371	0	5
24	25 Jan 43--27 Feb 43	15	14	385	0	5
25	1 Feb 43-- 6 Mar 43	15	15	400	0	5
26	8 Feb 43--13 Mar 43	14	13	413	0	5
27	15 Feb 43--20 Mar 43	16	15	428	0	5
28	22 Feb 43--27 Mar 43	18	17	445	0	5
29	1 Mar 43-- 3 Apr 43	14	11	456	0	5
30	8 Mar 43--10 Apr 43	15	15	471	0	5
31	15 Mar 43--17 Apr 43	19	19	490	0	5
32	22 Mar 43--24 Apr 43	23	22	512	0	5
33	29 Mar 43-- 1 May 43	18	17	529	0	5
34	5 Apr 43-- 8 May 43	16	13	542	0	5
35	12 Apr 43--15 May 43	18	17	559	0	5
36	19 Apr 43--22 May 43	17	15	574	0	5
37	26 Apr 43--29 May 43	16	15	589	0	5
38	3 May 43-- 5 Jun 43	17	16	605	0	5
39	10 May 43--12 Jun 43	18	14	619	0	5
40	17 May 43--19 Jun 43	15	13	632	0	5
41	24 May 43--26 Jun 43	16	12	644	0	5
42	31 May 43-- 3 Jul 43	13	10	654	0	5
43	7 Jun 43--10 Jul 43	16	14	668	0	5
44	14 Jun 43--17 Jul 43	15	13	681	0	5
45	21 Jun 43--24 Jul 43	16	11	692	0	5
46	28 Jun 43--31 Jul 43	17	13	705	0	5
47	5 Jul 43-- 7 Aug 43	22	19	724	0	5
48	12 Jul 43--14 Aug 43	22	22	746	0	5
49	19 Jul 43--21 Aug 43	21	20	766	0	5
50	26 Jul 43--28 Aug 43	21	21	787	0	5
51	2 Aug 43-- 6 Sep 43	22	8	795	0	5
52	7 Aug 43--11 Sep 43	18	18	813	0	5
53	16 Aug 43--18 Sep 43	18	13	826	0	5
54	23 Aug 43--25 Sep 43	18	18	844	0	5

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
55	30 Aug 43-- 2 Oct 43	20	17	861	0	5
56	6 Sep 43-- 9 Oct 43	20	20	881	0	5
57	13 Sep 43--16 Oct 43	20	19	900	0	5
58	20 Sep 43--23 Oct 43	20	18	918	0	5
59	27 Sep 43--30 Oct 43	20	19	937	0	5
60	4 Oct 43-- 6 Nov 43	18	14	951	0	5
61	11 Oct 43--13 Nov 32	15	12	963	0	5
62	18 Oct 43--20 Nov 43	18	19	982	0	5
63	25 Oct 43--27 Nov 43	19	18	1000	0	5
64	1 Nov 43-- 4 Dec 43	17	14	1014	0	5
65	8 Nov 43--11 Dec 43	16	16	1030	0	5
66	15 Nov 43--18 Dec 43	17	13	1043	0	5
67	22 Nov 43--25 Dec 43	20	20	1063	0	5
68	29 Nov 43-- 1 Jan 44	20	19	1082	0	5
69	6 Dec 43-- 8 Jan 44	19	15	1097	0	5
70	13 Dec 43--15 Jan 44	19	17	1114	0	5
71	20 Dec 43--22 Jan 44	19	15	1129	0	5
72	27 Dec 43--29 Jan 44	20	22	1151	0	5
73	3 Jan 44-- 5 Feb 44	20	19	1170	0	5
74	10 Jan 44--12 Feb 44	20	19	1189	0	5
75	17 Jan 44--19 Feb 44	18	16	1205	0	5
76	24 Jan 44--26 Feb 44	20	16	1221	0	5
77	31 Jan 44-- 4 Mar 44	21	22	1243	0	5
78	7 Feb 44--11 Mar 44	22	17	1260	0	5
79	14 Feb 44--18 Mar 44	22	20	1280	0	5
80	21 Feb 44--25 Mar 44	22	23	1303	0	5
81	28 Feb 44-- 1 Apr 44	30	24	1327	0	5
82	6 Mar 44-- 8 Apr 44	26	23	1350	0	5
83	13 Mar 44--15 Apr 44	21	21	1371	0	5
84	20 Mar 44--22 Apr 44	20	18	1389	0	5
85	27 Mar 44--29 Apr 44	25	22	1411	0	5
86	3 Apr 44-- 6 May 44	26	21	1432	0	5
87	10 Apr 44--13 May 44	27	26	1458	0	5
88	17 Apr 44--20 May 44	30	24	1482	0	5
89	24 Apr 44--27 May 44	28	26	1508	0	5
90	1 May 44-- 3 Jun 44	27	23	1531	0	5
91	8 May 44--10 Jun 44	20	18	1549	0	5
92	15 May 44--17 Jun 44	28	21	1570	0	5
93	22 May 44--24 Jun 44	32	29	1599	0	5
94	29 May 44-- 1 Jul 44	25	23	1622	0	5
95	5 Jun 44-- 8 Jul 44	23	15	1637	0	5
96	12 Jun 44--15 Jul 44	23	18	1655	0	5
97	19 Jun 44--22 Jul 44	28	25	1680	0	5

Class	Dates	Orig.	Graduates		Failures	
		Enr.	No.	Total	No.	Total
98	26 Jun 44--29 Jul 44	22	23	1703	0	5
99	3 Jul 44-- 5 Aug 44	21	18	1721	0	5
100	10 Jul 44--12 Aug 44	23	19	1740	0	5
101	17 Jul 44--19 Aug 44	31	34	1774	0	5
102	24 Jul 44--26 Aug 44	31	25	1799	0	5
103	31 Jul 44-- 2 Sep 44	18	19	1818	0	5
104	7 Aug 44-- 9 Sep 44	23	22	1840	0	5
105	14 Aug 44--16 Sep 44	21	20	1860	0	5
106	21 Aug 44--23 Sep 44	22	22	1882	0	5
107	28 Aug 44--30 Sep 44	24	22	1904	0	5
108	4 Sep 44-- 7 Oct 44	26	25	1929	0	5
109	11 Sep 44--14 Oct 44	18	16	1945	0	5
110	15 Sep 44--21 Oct 44	12	14	1959	0	5
111	25 Sep 44--28 Oct 44	26	26	1985	0	5
112	2 Oct 44-- 4 Nov 44	24	23	2008	0	5
113	9 Oct 44--11 Nov 44	8	8	2016	0	5
114	Cancelled					
115	23 Oct 44--25 Nov 44	6	5	2021	0	5
116	30 Oct 44-- 2 Dec 44	7	8	2029	0	5
117	6 Nov 44-- 9 Dec 44	25	25	2054	0	5
118	13 Nov 44--16 Dec 44	35	31	2085	0	5
119	20 Nov 44--23 Dec 44	26	23	2108	0	5
120	27 Nov 44--30 Dec 44	19	19	2127	0	5
121	Cancelled					
122	11 Dec 44--13 Jan 45	20	23	2150	0	5
123	18 Dec 44--20 Jan 45	15	15	2165	0	5
124	Cancelled					
125	Cancelled					
126	8 Jan 45--10 Feb 45	9	6	2171	0	5
127	29 Jan 45-- 3 Mar 45	18	17	2188	0	5
128	19 Feb 45--24 Mar 45	13	20	2208	0	5
129	12 Mar 45--14 Apr 45	12	12	2220	0	5
130	26 Mar 45-- 2 Jun 45	18	15	2235	0	5
131	9 Apr 45--16 Jun 45	21	16	2251	0	5
132	7 May 45--14 Jul 45	14	12	2263	0	5
133	14 May 45--21 Jul 45	12	11	2274	0	5
134	28 May 45-- 4 Aug 45	11	11	2285	0	5
135	11 Jun 45--18 Aug 45	9	8	2293	0	5
136	Cancelled					
137	Cancelled					
138	Cancelled					
139	6 Aug 45--13 Oct 45	22	15	2308	1	6
140	Cancelled					

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
141	4 Sep 45-- 9 Nov 45	23	15	2323	0	6
142	Cancelled					
143	Cancelled					
144	29 Oct 45--18 Jan 46	26	14	2337	0	6
144 A	12 Oct 45--21 Dec 45	12	12	2349	0	6
145	26 Nov 45--15 Feb 46	18	10	2359	0	6

## FIELD ARTILLERY AIR MECHANIC SHORT COURSE

Purpose To orient field artillery air mechanics destined for service in the Pacific area in those aspects of maintenance peculiar to the L-5 and L-14 airplanes, and those aspects of maintenance of the Air OP peculiar to the Pacific theater.

Scope: 1) Familiarization with Lycoming 0-435-1 and Lycoming 0-290-3 engines, with emphasis on differences between these and the 0-170-3 engine; starters; generators; batteries; engine troubles peculiar to the Pacific theater. (2) Familiarization with type L-5 and L-14 airplanes; electrical systems; pontoon installation and repair; radio installation in L-5 and L-14 airplanes; Brodie hook installation. (3) Controllable pitch propellers, demonstration of Brodie operation; seaplane operation; review AAF forms and records and supply procedures; Air OP maintenance problems peculiar to the Pacific theater.

Prerequisites: Students must be enlisted air mechanics on duty with field artillery units being redeployed from the European Theatre of Operations to the Pacific Theatre of Operations via the United States.

Comments: No grades kept and no certificates issued. The cessation of hostilities in the Pacific area caused cancellation of redeployment plans for most units, thus terminating the need for this course after the second class.

<u>Classes</u>		<u>Dates</u>	<u>Duration</u>			
No. 1 and No. 2		20 Aug 45--29 Sep 45	2 weeks			
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>		<u>Failures</u>	
			<u>No.</u>	<u>Total</u>	<u>No.</u>	<u>Total</u>
1	20 Aug 45-- 1 Sep 45	9	9	9	0	0
2	17 Sep 45--29 Sep 45	18	18	27	0	0

## ENLISTED FIELD ARTILLERY AIR MECHANIC COURSE

### (SPECIAL CLASSES)

Purpose. To familiarize selected AAF mechanics from Sheppard Field, Texas, with care and maintenance of the field artillery light airplane, in preparation for the inauguration of basic flying instruction for field artillery pilots at that station. (See "Comments on the Air Training Program.")

Scope. Since the students were experienced AAF air mechanics, their instruction in this course consisted of observing the instruction in the Enlisted Field Artillery Air Mechanic Course, with emphasis on those features of maintenance in which the light airplane differed from the conventional AAF airplanes.

Prerequisites: Enlisted men selected by the AAF at Sheppard Field, Texas (2618th AAF BU).

Comments: Grades were kept but the graduates were issued only Certificates of Attendance.

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>				
No. 1	30 Dec 44--11 Jan 45	2 weeks				
No. 2 & No. 3	8 Jan 45 - 3 Feb 45	3 weeks				
<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates No.</u>	<u>Total</u>	<u>Failures No.</u>	<u>Total</u>
1	30 Dec 44--11 Jan 45	20	20	20	0	0
2	8 Jan 45--27 Jan 45	15	15	35	0	0
3	15 Jan 45-- 3 Feb 45	15	15	50	0	0

CHAPTER THREE  
FIELD ARTILLERY OFFICER CANDIDATE SCHOOL

SECTION I  
ORIGIN OF OFFICER CANDIDATE SCHOOL  
AND PROCUREMENT OF CANDIDATES

Officer Candidate Schools were inaugurated under authority of a War Department directive dated 26 April 1941. The Field Artillery Officer Candidate School was established at the Field Artillery School, Fort Sill, with the first class of 125 candidates reporting 8 July 1941. The directive also prescribed a second class of the same capacity to report 19 August. The course was to be of 3 months duration.

Procurement was to be accomplished under the supervision of The Adjutant General by Corps Area and Department Commanders. As troops took the field, unit commanders were also allotted quotas for the procurement of officer candidates.

Sources were limited to warrant officers and enlisted men on active duty who had served at least 6 months on active Federal service prior to submitting applications for OCS. On 23 May 1941 this was changed to read: "who had served at least six months at date of enrollment in the course."

In the case of candidates having less than 3 months to serve on opening date of course, following procedure governed:

(1) Enlisted men of the Regular Army, whose enlistment would expire prior to the completion of their course, were to be discharged for the convenience of the Government and reenlisted prior to the opening date of the course.

(2) Enlisted men of the National Guard and of AUS, other than selectees, whose terms of enlistment of a year of active service would expire prior to completion of their course, would be discharged and reenlisted for 1 year in AUS prior to the opening date of the course.

(3) A selectee, whose year of service would expire prior to the completion of the course, would be transferred to a Reserve component at the termination of his year of service. At this time, unless it were manifest that he would not successfully complete the course, he would immediately be ordered to active duty and continue the course to completion.

It was required that candidates be 21 years of age prior to completion of the course. The maximum age limit was 36 years inclusive. United States citizenship was required.

Except for the Signal Corps School, candidates for each school were limited to warrant officers and enlisted men serving on the date of application in the arm or service establishing the school in question. Thus, only warrant officers and enlisted men serving in the field artillery could attend the Field Artillery Officer Candidate School. This restriction was removed by Circular 48, WD, 19 February 1942, which directed that applicants could be used to fill quotas for any OCS "irrespective of the arm or service of applicants."

Every applicant for OCS was required to indicate his willingness to serve 1 year on extended active duty if commissioned upon completion of the course.

The restrictions covering qualifications as to age and date of enlistment were removed by the War Department 21 January 1942, and new standards were promulgated, as follows. Age limits would conform to new age limits for Selective Service and age limits for enlistment; a candidate upon graduation from any Officer Candidate School must not be over 46 years of age; an applicant must have 3 months service upon entering OCS. As for age, this meant that a candidate must have passed his 18th birthday and not have passed his 46th birthday upon completion of the course. On 9 July 1942 the War Department authorized commanding officers to waive the requirement of 3 months service for good and sufficient cause.

Officer Candidate Examining Boards were set up by various headquarters to select qualified candidates for the several officer candidate schools. In addition to meeting the requirements as to age and length of service, an applicant must have attained a score of at least 110 on the Army General Classification Test. In addition, AR 625-5, 12 September 1944, prescribed that the applicant must attain a score of at least 115 on either of 2 Officer Candidate Tests (OCT). For several months after this, some candidates reported at Fort Sill who had not been given the OCT, and in such cases the

test was given after their arrival. However, the War Department took cognizance of this situation in Section III, Circular 468, 13 December 1944, and granted authority to waive the OCT test for applicants from stations where the test material was not available. This waiver was to be in effect only until 1 February 1945.

The OC Tests were designed to select those individuals who could successfully complete the academic work of the OCS's. The tests were developed to supplement the AGCT as a means of selecting officer candidates with a more precise measure of potential officer candidate success for men in the upper AGCT score range. An analysis of data resulting from sample testing showed that the OCTs were superior to the AGCT as predictors of academic grades of men who previously had met the AGCT qualifying score.

Each of the 2 OCTs consisted of 71 items on arithmetic reasoning, reading comprehension, and interpretation of graphic data. The applicant was allowed 45 minutes to complete the test.

In 1942, some installations established OCS preparatory schools for applicants who required preliminary training. The FARTC at Fort Sill enrolled in its 4 weeks preparatory course all applicants who had been approved by its Examining Board. Such applicants were not finally accepted for OCS until they had successfully completed such course.

Officer candidate losses, primarily due to inadequate preparation, became a matter of concern during the summer of 1942. The following letter from the Commanding General, Replacement and School Command, to The Adjutant General, portrays the situation existing in August 1942. This letter was based on a report submitted to R&SC by FAS.

HEADQUARTERS  
REPLACEMENT AND SCHOOL COMMAND  
Birmingham, Alabama

August 20, 1942

352 F. A. O. C. Sch. GNRST

SUBJECT. Officer Candidate Losses at the Field Artillery Officer Candidate School, Fort Sill, Oklahoma.

TO: The Adjutant General, Washington, D. C. (Thru: Commanding General, Army Ground Forces, Washington, D. C.)

1. A marked increase in the losses of officer candidates in recent classes at the Field Artillery Officer Candidate School has been noted. These losses have occurred chiefly among candidates who have been ordered to the school from units of the field forces.

2. All candidates, prior to being relieved or turned back to a subsequent class, are interviewed by a Board of Officers to determine the underlying causes of failures and whether or not those turned back are suitable material and should be given a second opportunity. As an example of losses occurring in Officer Candidate Classes and the underlying reasons therefor the following details in connection with Class No. 29 which entered June 18, 1942, and which will graduate September 9, 1942, are given below.

a. Ninety-two (92) of the original five hundred (500) entering Officer Candidate Class No. 29 have been separated from that class as follows:

14 withdrew by own request  
49 were relieved by the Commandant  
29 turned back to subsequent classes

b. Twenty-four (24), of the forty-nine (49) relieved, stated that their first choice of schools was not Field Artillery; of this twenty-four (24), sixteen (16) applied for other schools and eight (8) were told that the Field Artillery Officer Candidate School was the only school they could attend.

c. Ten (10) of the candidates turned back to subsequent classes did not apply for the Field Artillery Officer Candidate School.

d. Seven (7) of the candidates turned back to subsequent classes did not have basic Field Artillery training.

e. Sixteen (16) candidates, who were relieved or withdrew, had received no basic Field Artillery training.

f. Some of the candidates had been sent to the Field Artillery Officer Candidate School against their wishes. (Apparently this was done in order to fill quotas).

3. The Board of Officers, which interviews officer candidates prior to relief, has found that many applicants for Officer Candidate Schools are required to indicate three choices in their application, even though they have no desire to attend any school other than their first choice and paragraph 7, Circular No. 126, War Department, 1942, requires only one alternate choice to be indicated.

4. Failures and withdrawals from amongst candidates coming from Field Artillery Replacement Training Centers are rare, and this condition is attributed to the fact that these candidates have had a good grounding in basic Field Artillery training and, in most cases, a one month's course in a preparatory school conducted within the Replacement Training Center.

5. It is believed that the causes of the large percentage of failures occurring among officer candidates of the Field Artillery coming from units of the field forces are primarily as follows:

a. Lack of basic Field Artillery training.

b. No preparation or inadequate preparation in academic work prior to entering.

c. Candidates sent against their desires in order to fill quotas.

d. A lowering of standards used in selection by commanders of some units of the field forces.

6. The situation existing in the Field Artillery is not common to the other arms as is indicated by the following approximate percentages of failures in Officer Candidate Schools during the months of May, June, and July, 1942:

Field Artillery	23%
Coast Artillery	12%
Infantry	11%
Cavalry	7%

7. The standards of the Field Artillery Officer Candidate School have not been lowered although the graded academic work is slightly easier than it was three months ago.

8. Quotas for officer candidate classes at the Field Artillery School are allotted as follows.

a. Quotas are allotted Field Artillery Replacement Training Centers in the numbers requested by them in periodic reports to this headquarters. This procedure allows full advantage to be taken of this source of excellent material.

b. Remaining vacancies are allotted to units of the field forces, generally, on the basis of the relative T/O strength of such units, except that additional quotas are given units who reported excess applicants for prior classes, and quotas, to units who did not report excess applicants or reported vacancies, are reduced accordingly.

c. Units are not required to fill quotas allotted to them if the necessary number of qualified applicants is not available. Vacancies reported unfilled are re-allotted to units which report accepted applicants in excess of the quota allotted.

9. To reduce the losses due to relief and turnback of students and to supply the quantity of junior Field Artillery Officers needed by the field forces, the following is recommended:

a. That unit commanders of the field forces be directed not to recommend a candidate for attendance at the Field Artillery Officer Candidate School unless he is qualified and has an intense desire to attend that school and to obtain a commission in the Field Artillery.

b. That paragraph 7, Circular No. 126, War Department, 1942, be amended to encourage the submission of an alternate choice of candidate school but not to require it.

c. That quotas not be filled unless qualified and desirable applicants are available.

d. That no candidate be sent direct to the school without basic training in Field Artillery, and that candidates from other branches, desiring to attend the Field Artillery Officer Candidate School and who are accepted candidates, be ordered, on the recommendation of their local Officer Candidate Selection Board, to a Field Artillery Replacement Training Center for training preparation, and final selection for attendance at the Field Artillery Officer Candidate School. A detailed plan for this training applicable to all branches, will be submitted if this recommendation is approved.

e. That where possible, candidates should be given an opportunity and assisted in making a brief preparation for the academic work.

For the COMMANDING GENERAL

ARNOLD A. ALTMAN,  
Major, A. G. D.,  
Adjutant General.

On 31 December 1942, R&SC authorized FAS to send on temporary duty to the preparatory school at the FARTC all candidates from other than FA who had reported for enrollment in FA OCS. On 27 April 1943, R&SC directed that such preparatory schools be discontinued. This step was taken because of the preponderance of ROTC students reporting for OCS, and the reduction of quotas.

Originally, candidates were placed on detached service from their organizations while attending OCS, excepting those sent from overseas stations, who were transferred to FAS on permanent change of station. Circular 48, WD, 19 February 1942, directed that thereafter all selected applicants be transferred to OCS on permanent change of station. Further, that in the case of all candidates enrolled in OCS at the time the circular was received, the records would be changed to show permanent change of station.

## SECTION II

### OPERATION OF THE OFFICER CANDIDATE SCHOOL

#### Organization

As originally organized in June 1941, the Officer Candidate School was headed by a Commandant of Candidates, with an Executive, an Adjutant, and a Supply Officer comprising the staff. The staff was expanded from time to time as the student enrollment grew. By November 1942 the staff had expanded to a strength of 66 officers. By that time the authorized course capacity was 6600 candidates, 12 classes of 550 candidates each.

The candidates were organized by classes with each class broken down into sections of approximately 30 candidates each. The classes were grouped into battalions, 4 classes to a battalion. Later, as the classes became smaller, battalions were eliminated until eventually all classes were grouped into 1 battalion.

On or about 16 June 1943 a general reorganization of the Field Artillery School was effected, and at that time a Student Regiment was organized. This regiment absorbed the OCS organization and the Commanding Officer of the Student Regiment assumed the functions of the Commandant of Candidates, which title was no longer used.

The Student Regiment took over the administration of all students housed in the Concurrent Camp (or Area), which included many officer and enlisted students as well as OCS candidates. However, the responsibility and functions in connection with OCS were far more inclusive than with the other courses.

The general reorganization of FAS set up the FAS Detachment as a provisional brigade, although it was never designated as such. The Student Regiment was, for administrative purposes, an element of the FAS Detachment. However, this relationship existed only so far as morning reports and other administrative records were concerned. To all intents and purposes, the Student Regiment functioned independently, with the Commanding Officer reporting directly to the Commandant or the Executive, FAS. This was the natural result of the anomalous situation which existed throughout the life of the Student Regiment; i. e., the Regiment was commanded by a Colonel, while the FAS Detachment was commanded by a Lieutenant Colonel.

The Student Regiment consisted of 4 staff sections, 5 battalions, and a casual detachment. The staff sections were quite diversified in their activities, and like the staff sections of FAS, were not limited to the usual staff functions but were operational as well.

The 1st, 2d, and 3d Battalions were made up of OCS classes. The overhead of each of these battalions included a commanding officer, an executive, and the tactical officers of the classes involved.

The Service Battalion was made up of the personnel performing the various services for the Student Regiment, as well as the enlisted instructors on duty in the Concurrent Area.

There was no 4th Battalion, although one had been in existence under the former set-up, when the larger course capacity had necessitated four battalions of OCS classes.

The 5th Battalion handled administration for the student officers attending courses in the Concurrent Area.

The Casual Detachment handled administration and shipping of casual personnel, such as candidates awaiting enrollment in OCS, and candidates who had been relieved from OCS.

The complete organization of the Student Regiment is shown on Chart No. 9 of the Organization and Functional Charts of the Field Artillery School dated 1 June 1943, on file in the FAS Library, but in consulting this chart it must be borne in mind that it became obsolete within 3 or 4 months of its date of issue.

#### Organization Changed

On 4 October 1944 the Student Regiment ceased to exist. On that date the control of and responsibility for all installations and activities of the Student Regiment were transferred to the FAS Detachment. The latter organization was concurrently reorganized, with the 5th and 6th Battalions of the Detachment absorbing most of the personnel and functions of the old Student Regiment. However, an OCS Headquarters was established as an element within the FAS Detachment organization to handle all tactical functions of OCS; i. e., all matters having to do with training and discipline. The candidates were assigned to the 5th Battalion for housing, messing, personnel records, and all other functions not handled by OCS Headquarters.

With this change in organization, the Commanding Officer, FAS Detachment replaced the Commanding Officer, Student Regiment, as Commandant of Candidates, although the title was not

used and had not been used since 16 June 1943, when the Student Regiment was organized. However, the Commanding Officer, OCS Headquarters, was in direct charge of the candidates and performed most of the functions originally performed by the Commandant of Candidates. Under this set-up, the OCS classes were no longer organized into battalions, the authorized course capacity had been reduced to 650, effective in July 1944.

#### Instruction

The academic instruction in the Officer Candidate Course was conducted by the various Departments of FAS.

The "block system" was used. For example, when the course was of 13 weeks duration, the instruction was conducted by the Departments as follows, with the instruction starting on Thursday morning:

<u>Consecutive Weeks</u>	<u>Department</u>
Thurs, 1st wk--Sat, 2d wk	Motors
Mon--Sat, 3d wk	Materiel
Mon, 4th wk--Wed, 9th wk	Gunnery
Thurs, 9th wk--Tues, 10th wk	Communication
Wed, 10th wk--Wed, 13th wk	Tactics

This plan was followed, with very little deviation, until the course was expanded to 17 weeks on 2 July 1943. Thereafter, the first 2 weeks were utilized by the Tactical Officers and selected instructors from the Department of Tactics to give instruction in army administration, military law, mess management, and other general military subjects. However, the "block system" was still followed by the academic departments, approximately as outlined above.

With the 17 weeks course in effect, Gunnery instruction started on Friday of the 6th week and ended on Wednesday of the 13th week. Effective with Class No. 125, starting 16 October 1944, the block system was modified by spreading the Gunnery instruction over the remainder of the course, instead of stopping it in the 13th week. Combined Arms instruction started a little earlier in the course, and thereafter the Gunnery instruction and the Combined Arms instruction were integrated. It had been found that the candidates were not doing well with the firing required in the RSOPs and field exercises scheduled for the last week or 2 of the course. A corollary effect of the change was some economy in instructors in the Department of Gunnery, which was quite important in view of the demand for officers for duty with troops.

### Disposition of Candidates

Determination of a candidate's fitness for a commission was based on a number of factors, the most important of which were the candidate's leadership, attitude, and grades attained in the academic instruction. A candidate who demonstrated good leadership qualities was given every encouragement to bring his academic grades up to the required standard. One whose deficiency was academic only and who seemed to be good officer material was turned back to a succeeding class to repeat the work. In some instances, this was done several times.

Relief from the course was the final resort in the case of a deficient candidate. Boards of officers were established to pass on individual cases, and the deficient candidate was given an opportunity to appear before these boards. The board set-up varied from time to time, but the system in effect during the life of the Student Regiment was typical:

(1) There were two boards, known as the Battalion Board and the Regimental Board. The deficient candidate, upon recommendation of the class tactical officer, first appeared before the Battalion Board, which settled minor cases. If this Board decided that severe action was indicated, such as turning back to a succeeding class or relief from the course, it so recommended to the Regimental Board. The latter board's final decision on turn-backs and reliefs went to the Faculty Board of the Field Artillery School for approval, after passing through the hands of the Secretary and the Assistant Commandant for their recommendations. (See NOTE, page 211.)

(2) Candidates who were not satisfied with the decision of the boards were interviewed by the Secretary of FAS and ultimately by the Commandant, if the candidate so desired.

(3) Minor disciplinary cases were handled by the Commanding Officer, Student Regiment, while more serious cases went to the Commandant for final disposition.

### Grading and Rating

Complete records covering the various factors involved in determining the disposition of a candidate--turn back, relief, or graduation--were maintained by Officer Candidate School Headquarters.

Two forms were adopted 19 November 1943: (a) "Rating & Observation Report on Officer Candidate" for use of the tactical officers and selected Gunnery instructors; (b) "Officer Candidate 201 Card" for consolidating all pertinent data, including grades attained in academic subjects, remarks entered on the Rating & Observation Report, personal data, and actions by the boards.

Copies of these forms together with instructions for their use may be found at the end of this section.

### Tactical Officers

Each OCS class had a tactical officer in charge, with one or more assistants when the size of the class required. During the peak enrollments, the objective was to have one tactical officer for each 100 candidates. When classes dropped below 100 candidates, this ratio naturally increased. Since the OCS was organized by classes, rather than by batteries, the class tactical officer was comparable to a battery commander in most of his functions.

Tactical officers were responsible for: discipline and administration; dismounted drill and other exercise; daily inspection of area and quarters; supervision and control of marching formations and mess formations; arrangements for graduation, including parade, assignments, clearance, and graduation exercises, Saturday inspection in ranks; compilation of ratings made by class members and by instructors; payroll supervision; inspection of mess halls; student interviews and counseling; accompanying class to classrooms, service practice, and field exercises to observe students when presence not required elsewhere; rendering demerit reports based on inspections and observation; arrangements for incoming classes. As time went on, tactical officers were relieved of as much of the administrative work as possible, so that they would have the maximum possible time with the students.

Tactical officers were expected to detect and bring to the attention of the reviewing authorities every candidate whose character, personality, and attitude might preclude his receiving a commission and to make every effort to salvage worthwhile prospects whose background or education made it difficult for them to keep abreast of the class.

### Certificates of Proficiency

Such certificates were issued to all candidates who successfully completed the Officer Candidate Course, whether they accepted commissions or not. Like the certificates issued to graduates of

other courses, they bore the signatures of the Commandant, Assistant Commandant, and Secretary. On 23 October 1942 the Faculty Board approved for OCS certificates the addition of the signature of the Commandant of Candidates, as he was then known. Later, this function was successively assumed by the Commanding Officer of the Student Regiment, and the Commanding Officer of the Field Artillery School Detachment.

#### Commissions

It was originally intended to commission the OCS graduates in the Officers' Reserve Corps, but this idea was abandoned before the first class had completed the course, and all were commissioned in the Army of the United States. Commissions were issued by The Adjutant General, but effective 10 April 1942, FAS was authorized to issue orders appointing successful OCS candidates as Second Lieutenants, Army of the United States.

#### Course Capacities

The course capacity for the Officer Candidate Course was established from time to time by the War Department. By "course capacity" is meant the total number of candidates authorized to be in attendance at one time. Thus, with a 13 weeks' course and a course capacity of 3500, a class of 269 (average) candidates could be entered each week.

The course capacities authorized were:

<u>Effective Date</u>	<u>Course Capacity</u>
15 Jan 41	250
26 Nov 41	500
9 Jan 42	720
20 Feb 42	1440
18 Mar 42	6000
9 Jul 42	6600
5 Feb 43	3500
May 43	2700
Jul 43	2000
7 Jul 44	650
1 Nov 44	50
1 Jan 45	800
1 Oct 45	260

### Assignment of Graduates

Officer candidates, upon graduation and commissioning, were generally used as filler officers for new field artillery units. When new units were no longer being activated, they were used as replacements for existing units, both overseas and in this country. There was a period when officers were being turned out in excess of the immediate needs. The War Department then authorized all units to carry an excess of fifty per cent above the T/O strength of officers.

Assignment instructions for each class were received from AGF about 2 weeks before graduation. These instructions designated the units and the number of officers to be assigned to each such unit, leaving the selection of the officers by name to the Field Artillery School.

While the development of leadership qualities was a major objective in the Officer Candidate Course and the possession of such qualities received prime consideration in determining a candidate's fitness for graduation, it goes without saying that the graduates of a given class possessed leadership qualities in varying degrees. In selecting the graduates for the various assignments, special effort was made to effect an equitable distribution of abilities and talents, with emphasis on leadership qualities.

Consideration was also given to an equitable distribution of graduates who possessed specialized skills acquired during enlisted service by experience and attendance at enlisted specialist courses, and demonstrated by their academic attainments in the specialist instruction in the Officer Candidate Course.

As a secondary consideration, an attempt was made to give each graduate an assignment which would be agreeable to him. A list of the units scheduled to receive the graduates of a given class was posted, and each graduate was given an opportunity to indicate his first, second, and third choices. Assignments were made in accordance with their desires, subject to the considerations stated above.

In line with the needs, certain selected graduates were assigned to the Field Artillery School as instructors. Naturally, outstanding graduates were selected for such assignments. Unfortunately, due to lack of position vacancies, they did not receive promotions to higher grades as rapidly as did their classmates who had been assigned to units. In many instances a graduate of no more than average attainments in the Officer Candidate Course who had been assigned to a unit had reached the grade of captain while the superior graduate who

became an instructor at FAS was still wearing the gold bars of a second lieutenant.

Beginning in December 1942, after careful screening, certain graduates were selected to remain at FAS for enrollment in officer specialist courses. The first to be selected under this program were 36 graduates of Class No. 42, which terminated 10 December 1942, for enrollment in the Battery Executive Course, Class No. 1. On 11 January 1943 the Officers' Survey Course was started and 24 of the 248 graduates of OCS Class No. 45 were enrolled in the first class. Subsequently, Officers' Communication Course, Officers' Motor course, and Officers' Sound and Flash Ranging Course were included in the program. Upon graduation from specialist courses, the new officers were assigned in the manner described above for OCS graduates. Some were retained at FAS to serve as instructors in their specialities.

NOTE. Army regulations provided that a candidate would not be relieved, except for disciplinary or physical reasons, prior to completion of one-third of the course. Of course, a candidate's voluntary resignation could be accepted at any time.

## REFERENCES

For further information on the Officer Candidate Course at the Field Artillery School, see following publications in the Field Artillery School Library:

- (1) "Statistical Study showing Factors that Influence Academically the Officer Candidate Graduates of the Field Artillery School."

This is a study to determine the probability of success of candidates scholastically from a series of tests and past educational and training attributes.

- (2) "Handbook for Officer Candidates." In several different editions.
- (3) "Officer Candidate Course." An illustrated booklet.

### SECTION III

#### THE OFFICER CANDIDATE COURSE

Purpose: To qualify selected candidates for commissions in the Field Artillery, Army of the United States.

Scope: Communication equipment and capabilities; limitations and uses of all communication facilities; duties of the battery executive and the technique of all types field artillery fires; familiarization with small arms, artillery weapons, ammunition used by the infantry division artillery, War Department and Ordnance publications concerning weapons and ammunition; antiaircraft defense; mines and booby traps; supervision of the operation, maintenance, and inspection of motor vehicles of truck-drawn field artillery units; tactics and technique of field artillery battery and battalion; preparation to perform command functions within the battery and staff functions within the battalion; principles of technique of instruction and of training management; familiarization with basic military subjects.

Prerequisites: See "Origin of Officer Candidate School and Procurement of Candidates." The prerequisites were changed from time to time, as indicated in the above reference, but the following were in effect during the summer of 1945.

Warrant officer or enlisted man must have demonstrated high qualities of leadership during his period of service. No applicant who has been sentenced to confinement in a penitentiary or who has been convicted in any civil or military court for an offense denounced by the 92d, 93d, or 94th Article of War or which is denounced as a felony by any federal law will be accepted. No applicant who has been convicted of a military offense of a less serious nature will be accepted unless his service and character have been exemplary since his conviction. No former commissioned officer of the Navy, Marine Corps, Coast Guard, or of any component of the Army of the United States whose commission was terminated because of inefficiency under the 95th Article of War, or under other than honorable conditions, will be accepted unless recommended by a board of officers convened for the purpose of determining the professional and moral fitness of the particular applicant for appointment in accordance with AR 605-10 and approved by the War Department.

A candidate must have attained his 18th birthday and must not have passed his 35th birthday on the date of completion of the course for which selected. In exceptional cases the maximum age prescribed above may be waived by the commander authorized to make final selection of applicants. An applicant must be a citizen of the United States

or of the Philippine Islands, or a citizen of a cobelligerent or friendly country who otherwise possesses the same qualifications as a citizen of the United States. An applicant must have 4 months continuous service immediately preceding the date of enrollment in an officer candidate school and must have completed the individual training prescribed by a Mobilization Training Program or an Army Air Forces Training Standard. Applicants must meet the standards for height, weight, and teeth as prescribed in MR 1-9 for induction for general service, and otherwise meet the standards of physical fitness prescribed by AR 40-105 for appointment in the Army of the United States for general military service as commissioned officers. A score of 110 or higher in the Army General Classification Test (other than non-language classification test) is required. In addition, an applicant must attain a score of 115 or higher in either Officer Candidate Test (OCT) 1 or 2. Each applicant must have had such education and experience, civil or military, as will reasonably insure his successful completion of the course for which application is made.

Comments:

<u>Classes</u>	<u>Dates</u>	<u>Duration</u>
No. 1 to No. 83	10 Jul 41--22 Sep 43	12 weeks
No. 84 to No. 169	2 Jul 43-- 8 Feb 46	17 weeks

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>	
			<u>No.</u>	<u>Total</u>
1	10 Jul 41-- 1 Oct 41	126	79	79
2	21 Aug 41--12 Nov 41	126	69	148
3	2 Oct 41--20 Dec 41	130	87	235
4	13 Nov 41--11 Feb 42	122	99	334
5	1 Jan 42--26 Mar 42	58	49	383
6	8 Jan 42-- 2 Apr 42	54	46	429
7	15 Jan 42-- 9 Apr 42	65	51	480
8	22 Jan 42--16 Apr 42	61	57	537
9	29 Jan 42--23 Apr 42	60	43	580
10	5 Feb 42--30 Apr 42	60	58	638
11	12 Feb 42-- 7 May 42	60	61	699
12	19 Feb 42--14 May 42	60	44	743
13	26 Feb 42--19 May 42	123	98	841
14	5 Mar 42--26 May 42	123	107	948
15	12 Mar 42-- 2 Jun 42	125	118	1066
16	19 Mar 42-- 9 Jun 42	122	110	1176
17	26 Mar 42--16 Jun 42	123	115	1291
18	2 Apr 42--23 Jun 42	243	180	1471

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>	
			<u>No.</u>	<u>Total</u>
19	9 Apr 42--30 Jun 42	257	230	1701
20	16 Apr 42--7 Jul 42	245	210	1911
21	23 Apr 42--14 Jul 42	240	228	2139
22	30 Apr 42--21 Jul 42	242	225	2364
23	7 May 42--28 Jul 42	499	415	2779
24	14 May 42--4 Aug 42	504	420	3199
25	21 May 42--11 Aug 42	517	437	3636
26	28 May 42--18 Aug 42	475	383	4019
27	4 Jun 42--25 Aug 42	504	447	4466
28	11 Jun 42--1 Sep 42	506	424	4890
29	18 Jun 42--8 Sep 42	501	399	5289
30	25 Jun 42--15 Sep 42	502	426	5715
31	2 Jul 42--22 Sep 42	474	409	6124
32	9 Jul 42--29 Sep 42	567	462	6586
33	16 Jul 42--6 Oct 42	563	400	6986
34	23 Jul 42--15 Oct 42	558	437	7423
35	30 Jul 42--22 Oct 42	557	481	7904
36	6 Aug 42--29 Oct 42	553	373	8277
37	13 Aug 42--5 Nov 42	538	399	8676
38	20 Aug 42--12 Nov 42	467	377	9053
39	27 Aug 42--19 Nov 42	393	326	9379
40	3 Sep 42--26 Nov 42	422	354	9733
41	10 Sep 42--3 Dec 42	376	280	10013
42	17 Sep 42--10 Dec 42	384	265	10278
43	24 Sep 42--17 Dec 42	397	331	10609
44	1 Oct 42--24 Dec 42	457	351	10960
45	8 Oct 42--31 Dec 42	346	248	11208
46	15 Oct 42--7 Jan 43	295	303	11511
47	22 Oct 42--14 Jan 43	429	313	11824
48	29 Oct 42--21 Jan 43	513	330	12154
49	5 Nov 42--28 Jan 43	553	338	12492
50	12 Nov 42--4 Feb 43	571	389	12881
51	19 Nov 42--11 Feb 43	480	435	13316
52	26 Nov 42--18 Feb 43	402	374	13690
53	3 Dec 42--25 Feb 43	438	349	14039
54	10 Dec 42--4 Mar 43	578	277	14316
55	17 Dec 42--11 Mar 43	331	364	14680
56	24 Dec 42--18 Mar 43	327	265	14945
57	31 Dec 42--25 Mar 43	507	410	15355
58	7 Jan 43--1 Apr 43	463	345	15700
59	14 Jan 43--8 Apr 43	599	456	16156
60	21 Jan 43--15 Apr 43	478	407	16563
61	28 Jan 43--22 Apr 43	491	428	16991

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>	
			<u>No.</u>	<u>Total</u>
62	4 Feb 43--29 Apr 43	456	382	17373
63	11 Feb 43-- 6 May 43	430	370	17743
64	18 Feb 43--13 May 43	466	388	18131
65	25 Feb 43--20 May 43	377	331	18462
66	4 Mar 43--27 May 43	290	224	18686
67	11 Mar 43-- 2 Jun 43	278	264	18950
68	18 Mar 43-- 9 Jun 43	310	244	19194
69	25 Mar 43--16 Jun 43	316	222	19416
70	1 Apr 43--23 Jun 43	337	257	19673
71	8 Apr 43--30 Jun 43	279	197	19870
72	15 Apr 43-- 7 Jul 43	354	284	20154
73	22 Apr 43--14 Jul 43	269	209	20363
74	29 Apr 43--21 Jul 43	267	179	20542
75	6 May 43--28 Jul 43	280	203	20745
76	13 May 43-- 4 Aug 43	261	156	20901
77	20 May 43--11 Aug 43	316	249	21150
78	27 May 43--18 Aug 43	256	149	21299
79	3 Jun 43--25 Aug 43	217	211	21510
80	10 Jun 43-- 1 Sep 43	236	195	21705
81	17 Jun 43-- 8 Sep 43	193	184	21889
82	24 Jun 43--15 Sep 43	221	213	22102
83	1 Jul 43--22 Sep 43	212	236	22338
84	2 Jul 43--28 Oct 43	93	99	22437
85	9 Jul 43-- 4 Nov 43	122	94	22531
86	16 Jul 43--11 Nov 43	107	93	22624
87	23 Jul 43--18 Nov 43	94	83	22707
88	30 Jul 43--25 Nov 43	108	108	22815
89	6 Aug 43-- 2 Dec 43	125	89	22904
90	13 Aug 43-- 9 Dec 43	125	126	23030
91	20 Aug 43--16 Dec 43	125	130	23160
92	27 Aug 43--23 Dec 43	107	101	23261
93	3 Sep 43--30 Dec 43	38	41	23302
94	10 Sep 43-- 6 Jan 44	52	58	23360
95	17 Sep 43--13 Jan 44	27	30	23390
96	24 Sep 43--20 Jan 44	31	33	23423
97	15 Oct 43--10 Feb 44	50	53	23476
98	29 Oct 43--24 Feb 44	74	70	23546
99	5 Nov 43-- 2 Mar 44	38	37	23583
100	22 Nov 43--18 Mar 44	50	30	23613
101	6 Dec 43-- 1 Apr 44	56	70	23683
102	13 Dec 43-- 8 Apr 44	62	51	23734
103	20 Dec 43--15 Apr 44	69	41	23775
104	27 Dec 43--22 Apr 44	70	60	23835

<u>Class</u>	<u>Dates</u>	<u>Orig. Enr.</u>	<u>Graduates</u>	
			<u>No.</u>	<u>Total</u>
105	3 Jan 44--29 Apr 44	80	88	23923
106	10 Jan 44-- 6 May 44	74	68	23991
107	17 Jan 44--13 May 44	76	73	24064
108	24 Jan 44--20 May 44	76	68	24132
109	31 Jan 44--27 May 44	67	63	24195
110	7 Feb 44-- 3 Jun 44	70	68	24263
111	14 Feb 44--10 Jun 44	77	72	24335
112	21 Feb 44--17 Jun 44	78	63	24398
113	28 Feb 44--24 Jun 44	71	64	24462
114	6 Mar 44-- 1 Jul 44	60	40	24502
115	13 Mar 44-- 8 Jul 44	67	53	24555
116	20 Mar 44--15 Jul 44	50	59	24614
117	27 Mar 44--22 Jul 44	57	53	24667
118	3 Apr 44--29 Jul 44	90	72	24739
119	10 Apr 44-- 5 Aug 44	90	79	24818
120	17 Apr 44--12 Aug 44	82	74	24892
121	24 Apr 44--19 Aug 44	29	37	24929
122	1 May 44--26 Aug 44	29	35	24964
123	8 May 44-- 2 Sep 44	27	50	25014
124	5 Jun 44--30 Sep 44	50	73	25087
125	16 Oct 44--10 Feb 45	51	29	25116
126	6 Nov 44-- 3 Mar 45	50	32	25148
127	20 Nov 44--17 Mar 45	56	34	25182
128	27 Nov 44--24 Mar 45	50	26	25208
129	Cancelled			
130	11 Dec 44-- 7 Apr 45	60	35	25243
131	18 Dec 44--14 Apr 45	59	30	25273
132	1 Jan 45--28 Apr 45	60	50	25323
133	8 Jan 45-- 5 May 45	51	31	25354
134	Cancelled			
135	22 Jan 45--19 May 45	50	26	25380
136	29 Jan 45--26 May 45	50	31	25411
137	5 Feb 45-- 2 Jun 45	50	17	25448
138	12 Feb 45-- 9 Jun 45	50	21	25469
139	19 Feb 45--16 Jun 45	50	30	25499
140	Cancelled			
141	5 Mar 45--30 Jun 45	51	34	25533
142	12 Mar 45-- 7 Jul 45	50	28	25561
143	19 Mar 45--14 Jul 45	48	30	25591
144	Cancelled			
145	9 Apr 45-- 4 Aug 45	50	42	25633
146	16 Apr 45--11 Aug 45	50	32	25665
147	Cancelled			

<u>Class</u>	<u>Date</u>	<u>Orig. Enr.</u>	<u>Graduates</u>	
			<u>No.</u>	<u>Total</u>
148	30 Apr 45 - 25 Aug 45	50	21	25686
149	7 May 45 - 1 Sep 45	50	25	25711
150	14 May 45-- 8 Sep 45	50	36	25747
151	21 May 45--15 Sep 45	50	33	25780
152	28 May 45--22 Sep 45	50	23	25803
153	4 Jun 45 - 29 Sep 45	49	17	25819
154	11 Jun 45-- 6 Oct 45	51	32	25851
155	Cancelled			
156	25 Jun 45- 19 Oct 45	50	30	25881
157	Cancelled			
158	16 Jul 45- 9 Nov 45	50	33	25914
159	Cancelled			
160	30 Jul 45 - 23 Nov 45	50	18	25932
161	6 Aug 45-- *			
162	13 Aug 45-- 7 Dec 45	50	39	25971
163	Cancelled			
164	27 Aug 45--21 Dec 45	50	22	25993
165	10 Sep 45--11 Jan 46	50	26	26019
166	Cancelled			
167	Cancelled			
168	Cancelled			
169	8 Oct 45-- 9 Feb 46	43	41	26060

\* The successful students in Class 161 were transferred to and graduated with Class 162.

SECTION IV

OFFICER CANDIDATE CLASSES

SOURCE OF CANDIDATES BY ARM OR SERVICE

<u>Class</u>	<u>Graduates</u>	<u>Failures</u>
1	FA-77; BI-2	FA-39; Bragg-1; CAC-1; BI-6
2	FA-64; Bragg-1; CAC-2; BI-2	FA-53, Bragg-2; CAC-1, MP-1
3	FA-84; Sill-1; INF-2	FA-41, Bragg-1; INF-1
4	FA 94; Sill-3; BI-1; AC-1	FA-20; Roberts-1; MC-1; BI-1
5	FA-43; Sill-1; Bragg-4	FA-2; Sill-1; Bragg-1
6	FA-19; Bragg-27	FA-2
7	FA-39; Sill-1; Bragg-10; Roberts-1	FA-3; Roberts-1; INF-1
8	FA-33; Sill-1; Bragg-19; CAC-2; ORD-1; QMC-1	Sill-1; Bragg-1
9	FA-27; Sill-7; Bragg-6, CAC-1; CWS-1	FA-5; Sill-1; Bragg-4; CAC-1
10	FA-34; Sill-14; Bragg-8; CAC-2	FA-3
11	FA-55; Sill-2; Bragg-3; CAC-1	FA-5
12	FA-39; Bragg-2, CAC-1; QMC-2	FA-5; QMC-1
13	FA-50; Sill-19; CAC-4, ORD-1; BI-18; AC-6	FA-6; Sill-1; BI-2; AC-4
14	FA-22; Sill-44, Bragg-3; INF-1; CWS-1; INF-1; ORD-1; BI-6, AC-1	FA-7; ORD-1; BI-1; QMC-1
15	FA-41; Sill-17; Bragg-54; Roberts-2; MP-2; BI-1; QMC-1	FA-1; Bragg-2; ORD-1, BI-1

NOTE Candidates from the FARTCs are indicated by Sill, Bragg, or Roberts; all other field artillerymen are indicated by FA.

<u>Class</u>	<u>Graduates</u>	<u>Failures</u>
16	FA-61; Sill-3; Bragg-44; BI-1; AC-1	FA-3; Bragg-5
17	FA-82; Sill-5; Bragg-15; Roberts-4; INF-4; BI-5	FA-8; Bragg-2; CWS-1
18	FA-129; Sill-15; Bragg-26; CAC-1; INF-5; CE-3; BI-1	FA-7; Sill-1; Bragg-4; CAC-1; AC-12
19	FA-157; Sill-18; Bragg-38; Roberts-10; CAC-1; INF-4; CE-2	FA-17; Bragg-2; Roberts-2; SC-1
20	FA-171; Sill-17; Bragg-3; Roberts-8; CAC-2; INF-7; CAV-1; MP-1	FA-23; Sill-1; Roberts-3; INF-2; ORD-1
21	FA-154; Sill-23; Bragg-34; Roberts-12; CAC-2; INF-1; CAV-1; MP-1	FA-13; Roberts-2; CAC-1; CE-1; MC-1
22	FA-134; Sill-25; Bragg-38; Roberts-10; CAC-4; INF-1; CAV-4; BI-9	FA-13; Sill-3; Bragg-2
23	FA-224; Sill-5; Bragg-160; Roberts-1; CAC-3; INF-10; CAV-4; CE-2; CWS-1; MP-1; BI-1; MC-3	FA-49; Bragg-2; Roberts-1; CAC-4; INF-2; CAV-6; MC-1; BI-1
24	FA-290; Sill-59; Bragg-12; Roberts-36; INF-6; CAV-2; MC-5; BI-8; AC-1; QMC-1	FA-57; Sill-6; Roberts-7; CAC-1; CAV-4; MC-1
25	FA-321; Sill-66; Roberts-33; CAC-8; INF-2; CAV-4; MC-2; SC-1	FA-41; Sill-2; Roberts-4; CAC-2; CAV-4; MP-1; ORD-1; QMC-1
26	FA-246; Sill-25; Bragg-91; Roberts-5; CAC-1; INF-1; CAV-1; MP-2; ORD-1; BI-10	FA-49; Sill-4; Bragg-5; INF-1; CAV-1; MC-2
27	FA-232; Sill-72; Bragg-115; Roberts-18; INF-4; CAV-1; MC-2; BI-2; AC-1	FA-42; Sill-6; Bragg-8; Roberts-1; INF-3; CAV-1 MP-1; AC-1; SC-1

<u>Class</u>	<u>Graduates</u>	<u>Failures</u>
28	FA-304, Sill-43; Bragg-43; Roberts-16, INF-2, CAV-4; MC-5; AC-1; QMC-1; SC-1	FA-59; Sill-3; Bragg-2; Roberts-2; MC-1; BI-1; AC-1; QMC-1
29	FA-392; Sill-10; Bragg-3; Roberts-1; CAC-2; INF-8; CAV-5; CE-1; MP-1; MC-2; BI-10, QMC-2; SC-2	FA-62; Roberts-1; INF-3, CAV-5; MC-2; QMC-3; SC-3
30	FA-343; Sill-39; Bragg-20; Roberts-13; INF-1; CAV-1; CE-1; MC-2; BI-3; SC-3	FA-55; Sill-2; Bragg-1, Roberts-5; INF-2, CAV-1; SC-1
31	FA-200; Sill-27; Bragg-90; Roberts-13; INF-2; CAV-7; MC-3; BI-4; ROTC-63	FA-51; Sill-2; Bragg-2; Roberts-1; CAV-4; MC-1; ROTC-3
32	FA-270; Sill-1, Bragg-150, Roberts-12, CAV-6; INF-8; CWS-1, MC-3; BI-4; QMC-2, ROTC-6	FA-74; Bragg-4, Roberts-3; INF-1; CAV-1; CWS-3; MP-1; MC-1; BI-2; QMC-2
33	FA-301; Sill-51; Bragg-4; Roberts-16; CAC-1; INF-6; CAV-4; CWS-2; MC-6; ORD-1; BI-4; QMC-4	FA-65, Sill-1; INF-3, CAV-5; CAC-3; CE-1; MC-1; ORD-1; BI-3; MP-1; SC-2
34	FA-293; Sill-44; Bragg-60; Roberts-4; INF-9; CAV-2; CE-2; CWS-2; MP-1; BI-6, MC-11; AC-1; QMC-2	FA-58, INF-6, CAV-2, CE-7; MC-7, ORD-1, MP-1; BI-1; QMC-3; SC-1; ROTC-1
35	FA-258; Sill-41; Bragg-137, Roberts-21; CAC-1; INF-5; CE-6; MC-3; ORD-2; BI-7	FA-72; Sill-2; Bragg-6; INF-5; CAV-2, CE-1; MP-1; QMC-2
36	FA-281; Sill-45; Bragg-2; Roberts-1; CAC-10; INF-12; CAV-3; CE-1; MP-2; MC-6, BI-10; SC-1	FA-115; Sill-1; Bragg-1; CAC-3, INF-5; CAV-2; CE-4; MP-3, MC-4; BI-6; AC-2; QMC-1; SC-1

<u>Class</u>	<u>Graduates</u>	<u>Failures</u>
37	FA-290; Sill-26; Bragg-35; Roberts-32; CAC-1; INF-1; CAV-1; CE-3; MC-3; BI-6; QMC-2	FA-79; Sill-19; Bragg-3; Roberts-5; CAV-1; MC-1; CE-2; BI-1
38	FA-225; Sill-39; Bragg-69; Roberts-2; CAC-2; INF-12; CAV-1; CE-1; MF-2; MC-12; BI-5; AC-3; QMC-2; SC-1; FD-1	FA-51; Sill-7, Bragg-2; Roberts-1; INF-4; CAV-4; MC-2; BI-3; QMC-4; SC-1
39	FA-232; Sill-2; Bragg-49; Roberts-2; CE-1; INF-5; MC-10; BI-21; AC-1; QMC-2; SC-1	FA-52; Bragg-1; INF-2; CE-1; MP-1; MC-1; BI-4; SC-1; FD-1
40	FA-141; Sill-70; Bragg-54; Roberts-38; CAC-3; INF-10; CAV-1; MP-1; MC-7; ORD-1; AC-4; QMC-11; SC-1	FA-22; Bragg-2; CAC-6; INF-2; CE-2; MP-3; MC-5; ORD-2; BI-8; AC-2; QMC-5; SC-2
41	FA-150; Sill-34; Bragg-45; Roberts-11; CAC-2; INF-9; CWS-1; MP-1; MC-6; BI-14; AC-3; QMC-4	FA-55; Sill-4; Bragg-1; Roberts-1; CAC-1; INF-3; MP-2; MC-6; BI-4; QMC-2; FD-3
42	FA-142; Sill-32; Bragg-55; Roberts-10; INF-6; CAV-2; CE-2; MP-1; MC-3; BI-8; QMC-1; ROTC-3	FA-65; Sill-3; Bragg-1; Roberts-1; CAC-6; INF-4; CAV-5; MP-1; MC-1; BI-5; QMC-1; ROTC-1; FD-1
43	FA-181; Sill-35; Bragg-53; Roberts-16; CAC-2; INF-7; CAV-4; CE-2; MC-8; ORD-2; QMC-2; SC-1; ROTC-2	FA-64; Sill-3; Bragg-2; Roberts-1; CAC-1; INF-3; MP-1; MC-1; ROTC-1
44	FA-206; Sill-34; Bragg-37; Roberts-22; CAC-5; INF-11; CWS-1; MP-2; MC-9; BI-13; AC-7; QMC-1; ROTC-3	FA-54; Sill-3; Bragg-5; Roberts-1; CAC-2; INF-3; CE-1; MC-1; AC-1; QMC-1
45	FA-135; Sill-40; Bragg-34; Roberts-22; INF-7; MC-4; ORD-2; BI-1; ROTC-3	FA-40; Sill-4; Roberts-2; INF-10; AC-1

<u>Class</u>	<u>Graduates</u>	<u>Failures</u>
46	FA-171; Sill-35, Bragg-23; Roberts-25; CAC-2, INF-11; CAV-4; CE-3; MP-1; MC-9; ORD-1; BI-4; AC-8, QMC-2; ROTC-4	FA-31; Sill-3, Bragg-1; Roberts-2; INF-2; BI-2; AC-2; QMC-2
47	FA-132; Sill-51, Bragg-25; Roberts-19; CAC-3; INF-1; CAV-1; CE-3; MC-3; ORD-1; BI-2; AC-16; QMC-2; SC-1; ROTC-3	FA-40; Sill-5, Roberts-1; CAC-1; INF-5; CAV-3; CWS-3, ORD-1; BI-2; AC-2
48	FA-205; Sill-28; Bragg-29, Roberts-22; CAC-2; INF-26; CAV-1; MC-3; ORD-1; AC-3; ROTC-4	FA-70; Sill-5; INF-13; MC-2; BI-3, AC-4; SC-1; FD-1
49	FA-194, Sill-36, Bragg-37, Roberts-32; INF-18; CAV-3, MP-2; MC-5; ORD-1; BI-2; AC-5; SC-1; ROTC-2	FA-89; Sill-5, Bragg-1; CAC-1; INF-8; CE-1; MC-5; BI-2; AC-2
50	FA-217; Sill-38 Bragg-50; Roberts-32; CAC-4; INF-16, CAV-1; CE-1; MP-3; MC-5, ORD-1; BI-11; AC-6; QMC-2; SC-1; FD-1	FA-60; Sill-2; Bragg-1; CAC-1; INF-12; MP-2; MC-9; BI-4; QMC-4; FD-1
51	FA-246, Sill-44; Bragg-42; Roberts-29; CAC-5; INF-20; CAV-3; CWS-2; MP-2; MC-7; ORD-1; BI-8, AC-25; SC-1	FA-33, Sill-2, Bragg-2; Roberts-1; CAC-2; INF-2; CAV-3; CWS-2; MC-1; ORD-1; BI-4, AC-9, QMC-2
52	FA-203; Sill-43, Bragg-35; Roberts-37; CAC-2; INF-18, CAV-1; CE-1; MC-6; ORD-4; BI-8; AC-7; QMC-2; FD-1	FA-56; Bragg-3; CAC-2; INF-2; ORD-1; BI-5; CAV-1; AC-5, QMC-2
53	FA-162; Sill-42; Bragg-65; Roberts-40; INF-9; CAV-2; MP-1; MC-5; BI-10; AC-6; QMC-4; SC-1; ROTC-1	FA-57, Sill-4, Bragg-2; INF-9, MC-1; BI-2, AC-4; SC-2

<u>Class</u>	<u>Graduates</u>	<u>Failures</u>
54	FA-94; Sill-43; Bragg-63; Roberts-36; CAC-4; INF-3; MP-1; MC-7; ORD-1; BI-7; AC-14; QMC-4	FA-42; Sill-13; Bragg-8; CAC-6; INF-3; CWS-1; CE-2; MC-8; MP-3; ORD-4; BI-15; AC-28; QMC-6; SC-1; FD-1
55	FA-145; Sill-45; Bragg-79; Roberts-45; CAC-1; INF-13; CAV-1; MP-3; MC-11; BI-11; AC-8; ROTC-1	FA-63; Sill-7; Bragg-3; INF-4; MP-1; MC-4; ORD-1; BI-4; AC-3; SC-1
56	FA-94; Sill-40; Bragg-64; Roberts-43; CAC-4; INF-1; CAV-3; CE-1; MC-3; ORD-1; BI-7; AC-2; QMC-1	FA-36; Sill-9; Bragg-12; Roberts-3; INF-2; BI-5; AC-10
57	FA-240; Sill-38; Bragg-11; Roberts-50; CAC-1; INF-25; CAV-2; CWS-5; MP-4; MC-5; BI-12; AC-14; QMC-2; SC-1	FA-65; Sill-5; Roberts-1; INF-15; CWS-3; MC-5; BI-6; AC-1; QMC-3; SC-1
58	FA-156; Sill-39; Bragg-45; Roberts-49; CAC-2; INF-16; CAV-1; CWS-1; MP-2; MC-8; AC-7; QMC-4; SC-1	FA-41; Sill-6; Bragg-5; Roberts-1; INF-17; CE-2; MC-14; ORD-1; BI-4; AC-4; QMC-4; SC-1
59	FA-121; Sill-40; Bragg-40; Roberts-40; CAC-1; INF-7; CE-1; MP-7; MC-3; BI-5; AC-20; QMC-2; SC-4; ROTC-165; FD-1	FA-52; Sill-8; Bragg-4; Roberts-4; CAC-1; INF-12; MP-3; MC-14; Ord-1; AC-9; QMC-6; ROTC-4
60	FA-226; Sill-33; Bragg-23; Roberts-47; CAC-2; INF-18; CWS-3; MP-2; MC-12; ORD-1; BI-12; AC-9; QMC-1; SC-3; ROTC-14	FA-109; Sill-16; Bragg-9; Roberts-2; CAC-1; INF-6; CAV-1; CE-1; CWS-1; MP-1; MC-2; BI-10; AC-5; QMC-1; SC-1
61	FA-246; Sill-45; Bragg-13; Roberts-28; CAC-5; INF-26; CAV-4; CE-2; CWS-3; MC-5; BI-5; AC-21; QMC-5; SC-2; ROTC-14	FA-65; Sill-6; Bragg-1; Roberts-2; CAC-5; INF-7; CE-1; MP-1; MC-1; BI-3; AC-7; QMC-4; SC-2

<u>Class</u>	<u>Graduates</u>	<u>Failures</u>
62	FA-230; Sill-64; Bragg-43; Roberts-8; CAC-3; INF-7; CE-2; CWS-1; MP-6; MC-11; BI-19; AC-87; QMC-5; SC-2; ROTC-8	FA-31; Sill-6; Bragg-4; Roberts-2; CAC-1; INF-1; CE-1; MC-4; BI-3; AC-63; QMC-2; SC-3
63	FA-128; Sill-48; Bragg-37; Roberts-27; CAC-1; INF-9; CE-1; MP-2; MC-2; BI-1; AC-29; QMC-1; SC-2; ROTC-80; FD-1	FA-30; Sill-7; Bragg-2; CAC-2; INF-6; MP-2; MC-5; ORD-2; AC-23; QMC-1; SC-1; ROTC-1
64	FA-81; Sill-44; Bragg-39; Roberts-23; CAC-1; INF-3; CE-3; CAV-1; MC-6; BI-11; AC-23; QMC-1; SC-2; ROTC-149	FA-16; Sill-7; Bragg-1; Roberts-2; CAC-3; INF-2; CE-1; CWS-2; MP-2; MC-1; BI-3; AC-22; SC-1; ROTC-5
65	FA-71; Sill-64; Bragg-83; Roberts-7; CAC-1; INF-3; CE-2; MP-2; BI-19; AC-15; QMC-1; SC-1; ROTC-62	FA-23; Sill-14; Bragg-11; CAC-1; MC-2; BI-4; AC-11; QMC-1; ROTC-2
66	FA-57; Sill-42; Bragg-40; Roberts-5; CAC-1; INF-5; MP-2; MC-3; BI-13; AC-10; QMC-1; SC-1; ROTC-44	FA-36; Sill-23; Bragg-3; BI-8; AC-20; QMC-1; ROTC-2
67	FA-85; Sill-43; Bragg-50; Roberts-6; CAC-2; INF-7; CWS-1; MP-2; MC-1; BI-8; ORD-2; AC-45; ROTC-7; FD-2	FA-21; Sill-10; Bragg-7; CE-1; MP-1; BI-2; AC-25; SC-1; ROTC-1
68	FA-77; Sill-39; Bragg-46; Roberts-1; CAC-1; INF-13; CE-2; CWS-4; MP-2; MC-4; BI-9; AC-40; QMC-4; ROTC-1	FA-38; Sill-7; Bragg-6; Roberts-1; CAC-3; INF-1; CE-2; CAV-2; CWS-1; MC-1; AC-22; QMC-1; SC-2
69	FA-76; Sill-33; Bragg-55; CAC-2; INF-5; CWS-1; MP-2; MC-1; ORD-1; BI-2; AC-40; SC-1; ROTC-2	FA-27; Sill-8; Bragg-9; CAC-4; INF-4; CE-1; CWS-1; MC-1; ORD-1; BI-1; AC-23; FD-1

<u>Class</u>	<u>Graduates</u>	<u>Failures</u>
70	FA-80; Sill-34; Bragg-52; Roberts-1; CAC-3; INF-6; CE-1; MC-3; ORD-3; BI-8; AC-30; QMC-2; SC-1; ROTC-32	FA-25; Sill-23; Bragg-11; CAC-4; INF-3; CAV-1; CE-1; MC-2; BI-3; AC-19; ROTC-2; FD-1
71	FA-76; Sill-40; Bragg-20; Roberts-25; CAC-1; INF-1; CWS-3; CE-2; ORD-2; BI-10; AC-13; QMC-1; SC-1; ROTC-1; FD-1	FA-34; Sill-11; Bragg-6; CAC-1; INF-3; MC-2; AC-13; FD-1
72	FA-25; Sill-47; Bragg-25; Roberts-22; CAC-2; INF-5; MP-1; BI-3; AC-16; QMC-1; ROTC-137	FA-16; Sill-12; Bragg-3; Roberts-1; CAC-1; MC-1; ORD-1; BI-1; AC-20; QMC-1; ROTC-14
73	FA-63; Sill-34; Bragg-26; Roberts-16; CAC-1; INF-5; CE-3; CWS-2; MC-4; ORD-1; BI-7; AC-39; SC-5; ROTC-3	FA-22; Sill-21; Bragg-7; Roberts-1; CAC-5; BI-2; AC-25; QMC-1; ROTC-2
74	FA-55; Sill-39; Bragg-29; Roberts-14; CAC-1; INF-6; CWS-1; MP-1; MC-1; ORD-2; BI-7; AC-20; ROTC-3	FA-30; Sill-23; Bragg-5; Roberts-2; CAC-3; INF-1; CE-1; MP-1; MC-2; BI-1; AC-22; FD-1
75	FA-48; Sill-38; Bragg-16; Roberts-21; CAC-1; INF-5; MC-1; ORD-1; BI-5; AC-49; ROTC-17; FD-1	FA-11; Sill-8; Bragg-2; CAC-1; INF-5; CE-1; MC-3; AC-20; ROTC-3
76	FA-24; Sill-13; Bragg-3; Roberts-1; CAC-1; INF-1; MC-1; ORD-1; AC-53; SC-1; ROTC-57	FA-5; Sill-1; CAC-1; MP-1; AC-58; ROTC-4
77	FA-56; Sill-27; Bragg-4; Roberts-20; INF-5; CE-1; MC-3; BI-4; AC-49; SC-1; ROTC-78; FD-1	FA-21; Sill-4; Roberts-1; CAC-5; INF-1; MC-1; AC-53; QMC-2

<u>Class</u>	<u>Graduates</u>	<u>Failures</u>
78	FA-50; Sill-22; Bragg-10, Roberts-17; CAC-2; INF-4, CE-1; MP-1; MC-3; BI-5; AC-33; ROTC-1	FA-30; Sill-2; Roberts-1; CAC-5; INF-6, MP-1, MC-4; BI-4, AC-43; FD-1
79	FA-68, Sill-50; Bragg-25, Roberts-8; CAC-1; INF-9; CE-2; MC-2; BI-3; AC-34; SC-1; FD-2; ROTC-3; DEML-2	FA-22, Sill-2, Bragg-5, CAC-2, CE-2; MP-1; MC-2, ORD-2; BI-1; AC-5; SC-2
80	FA-82; Sill-43; Bragg-26; Roberts-2; CAC-2; INF-4; CE-1; MC-1; BI-6, AC-25; SC-1, ROTC-1	FA-33; Sill-7; Bragg-6, CAC-1; INF-1; CE-1; CWS-1; ORD-2; BI-1; AC-8; SC-1
81	FA-15; Sill-3; Roberts-2; INF-3, MC-1; ORD-1; BI-2; AC-18; ROTC-139	FA-6; CAC-1; BI-1; AC-5; QMC-1; ROTC-11
82	FA-19; Sill-2; Roberts-1; CAC-2; CWS-1; ORD-3; INF-2; AC-22; ROTC-161	FA-6; CAC-2; AC-2; SC-1; ROTC-19
83	FA-25; Sill-7, Roberts-2; CAC-2; INF-3; CE-3; BI-6; AC-13; SC-3; ROTC-171	FA-8; Sill-1; CAC-3; MC-1; BI-1; AC-2; SC-1; ROTC-20
84	FA-9; Sill-3, Bragg-2, INF-4; MP-1; ORD-1, AC-5; SC-1; ROTC-73	FA-4; Sill-1; MC-2; AC-1; ROTC-19
85	FA-13; Sill-1; Bragg-2; Roberts-1; CAC-3; INF-3; AC-3, SC-1; ROTC-67	FA-10, Sill-2, CAC-1; MC-2; BI-1; ORD-1; AC-3, ROTC-13
86	FA-13; Sill-1, Bragg-2; Roberts-1; AC-1; QMC-1; SC-1; ROTC-73	FA-8; CAC-1, ORD-1; BI-1; ROTC-6
87	FA-7; Sill-1; Bragg-3; Roberts-1; MP-1; MC-1; BI-1; AC-1; ROTC-67	FA-2, AC-5; ROTC-6

<u>Class</u>	<u>Graduates</u>	<u>Failures</u>
88	FA-16; Sill-2; Bragg-4; CAC-1; CE-2; MC-1; BI-3; AC-1; ROTC-78	FA-3; CAC-1; MC-1; ORD-1; AC-1; QMC-1; SC-1
89	FA-3; CAC-1; ROTC-85	FA-3; ROTC-6
90	FA-5; Sill-3; CAC-1; MC-1; BI-1; ROTC-115	FA-1; ROTC-7
91	FA-6; Sill-2; Bragg-4; Roberts-1; INF-1; QMC-1; ROTC-115	FA-2; ROTC-5
92	FA-3; Sill-1; Bragg-1; Roberts-3; MP-1; AC-1; ROTC-91	
93	FA-7; Sill-1; Bragg-1; CAC-1; AC-2; ROTC-27	FA-3; Sill-1; ROTC-1
94	FA-8; Sill-6; MP-1; ORD-1; AC-1; SC-1; ROTC-40	FA-1
95	FA-9; Bragg-1; Roberts-1; INF-1; BI-2; ROTC-16	FA-3; SC-1; ROTC-1
96	FA-11; Bragg-2; INF-3; AC-1; ROTC-16	FA-1; INF-1; ROTC-3
97	FA-24; Sill-2; Roberts-2; CAC-2; INF-1; MP-1; BI-2; AC-1; ROTC-17	FA-6; QMC-1; ROTC-2
98	FA-26; Sill-2; Bragg-3; Roberts-3; ORD-1; ROTC-29	FA-1; INF-1; BI-1; AC-1
99	FA-19; Sill-4; Bragg-3; Roberts-3; INF-3; ROTC-3	INF-1
100	FA-8; Roberts-1; SC-1; ROTC-18	ROTC-1
101	FA-7; Sill-1; Bragg-2; Roberts-2; INF-1; ROTC-57	FA-1; ROTC-2
102	FA-7; Sill-1; Bragg-1; AC-1 ROTC-41	FA-1; INF-1; ROTC-1

<u>Class</u>	<u>Graduates</u>	<u>Failures</u>
103	FA-20; Sill-4; Roberts-1; CAC-1; ORD-2; QMC-1; ROTC-10; DEML-2	FA-2; Sill-1; ROTC-1
104	FA-4; Bragg-4; SC-1; ROTC-51	AC-1; ROTC-2
105	FA-7; Bragg-1; Roberts-2; INF-1; CAV-1; BI-1; ROTC-75	FA-1; CAC-1; ROTC-2
106	FA-3; Roberts-1; INF-1; ROTC-63	ROTC-2
107	FA-6; Bragg-1; ROTC-66	FA-1; CE-1; MC-1; ROTC-5
108	FA-10; Sill-1; Bragg-1; Roberts-2; CAC-1; CE-1; BI-2; AC-1; ROTC-49	ORD-1
109	FA-3; CAC-1; ROTC-59	ROTC-3
110	FA-6; Bragg-1; ROTC-61	FA-1; ROTC-4
111	ROTC-72	INF-1; ROTC-3
112	FA-7; Roberts-1; CE-1; MC-1; ROTC-50	FA-3; ROTC-2
113	FA-4; ROTC-59; AC-1	FA-1; AC-1; ROTC-6
114	FA-5; AC-1; ROTC-35	AC-1; ROTC-9
115	FA-2; ROTC-51	ROTC-8
116	FA-2; BI-1; ROTC-56	FA-1; BI-1; ROTC-6
117	FA-13; Sill-1; Bragg-1; Roberts-1 CAC-1; INF-1; CWS-1; ROTC-33	FA-1; ROTC-4
118	ROTC-72	ROTC-6
119	FA-3; AC-1; ROTC-75	CAC-1; ROTC-5
120	FA-1; ROTC-73	FA-1; ROTC-1
121	FA-12; Bragg-1; Roberts-1; CAC-1; CE-1; BI-1; SC-1; ROTC-19	FA-1; ROTC-8
122	FA-1; AC-1; ROTC-31	ROTC-2
123	FA-15; Sill-1; BI-1; AC-1; ROTC-32	FA-1; ROTC-3
124	FA-31; Sill-1; Bragg-2; Roberts-2; INF-3; MP-1; BI-1; ROTC-19	FA-10; Sill-1, Roberts-1; INF-1; CAV-1; CWS-1, ROTC-7

<u>Class</u>	<u>Graduates</u>	<u>Failures</u>
125	FA-24; CAC-1; INF-1; CE-1; ROTC-1	FA-7; CAC-6; INF-1; CE-1; AC-1; SC-1
126	FA-16; Sill-5; Bragg-1; CAC-1; INF-2; ORD-2; AC-2	FA-10; Sill-2; CAC-1; INF-1, ORD-1; AC-3
127	FA-14; Sill-3; Bragg-2; ORD-2; AC-13	FA-1; Sill-2; Bragg-2, AC-7
128	FA-11; Bragg-7; CAC-2; INF-1; CE-2; MC-1; AC-1; SC-1;	Bragg-4; CAC-4; INF-1; MP-1; AC-4
129	Cancelled	
130	FA-17; Sill-8; Roberts-1; CAC-3; INF-2; BI-1; AC-1; SC-1	FA-2; Sill-7; Roberts-1; CAC-4; INF-3; CWS-1
131	FA-9; Sill-8; INF-7; CAV-2; CE-1; ORD-1; SC-2	FA-4; Sill-3; CAC-2; INF-2; MP-1; AC-5
132	FA-22; Sill-14; Bragg-1; INF-3; MC-1; AC-4; QMC-1; SC-4	FA-1; INF-3; ORD-1; AC-1
133	FA-14; Bragg-2; CAC-4; INF-1; ORD-1; AC-6; SC-1; ROTC-1; AGD-1	FA-5; CAC-1; INF-1; AC-4; SC-4
134	Cancelled	
135	FA-5; Sill-12, INF-1; MC-1; AC-5; SC-1; ROTC-1	FA-9; Sill-1; INF-1; CE-1; AC-3
136	FA-12; Sill-1; INF-5; AC-7; SC-1; ROTC-1; ARMD-4	FA-3; INF-3; AC-6; SC-1; ARMD-2
137	FA-7; Sill-2; Bragg-5; CAC-2; INF-8; CE-1; AC-11	FA-1; INF-1; AC-11; ARMD-1
138	FA-1; Sill-6; INF-3; AC-10; QMC-1	FA-1; Sill-1, CAC-1; INF-5; ORD-1; QMC-1 AC-11
139	FA-11; Sill-1; Bragg-3; INF-5; MC-3; AC-4; QMC-1; ARMD-2	FA-2; INF-3; AC-12; ARMD-2
140	Cancelled	

<u>Class</u>	<u>Graduates</u>	<u>Failures</u>
141	FA-7; Sill-3; Bragg-3; INF-8; MC-1; AC-8; SC-2; ARMD-2	FA-1; Bragg-2; INF-3; AC-10; SC-1; ARMD-2; TC-1
142	FA-6; Sill-1; INF-1; CE-2; MC-2; AC-12; SC-2; QMC-1	FA-2; MC-2; AC-9
143	FA-6; Sill-1; Bragg-1; CAC-2; INF-6; ORD-1; AC-4; SC-1; ARMD-4	FA-4; Sill-2; CAC-2; INF-2; MC-1
144	Cancelled	
145	FA-11; Sill-1; Bragg-4; CAC-2; INF-5; MP-1; ORD-2; AC-6; SC-8	Sill-2; CAC-2; CWS-1; AC-4; SC-2
146	FA-3; Sill-2; Bragg-6; INF-3; MC-2; ORD-1; AC-9; SC-2; ARMD-4	FA-1; Sill-1; Bragg-1; CAC-1; AC-4
147	Cancelled	
148	FA-5; Bragg-3; INF-2; MC-1; AC-6; SC-2	FA-1; Bragg-1; CAC-1; INF-2; AC-11; SC-3; ARMD-1
149	FA-4; Sill-1; CAC-2; INF-1; CE-1; ORD-2; AC-8; QMC-1; SC-4; DEML-1	FA-2; CAC-2; MP-1; AC-8
150	FA-8; Sill-1; Bragg-6; CAC-2; INF-4; CE-1; CWS-2; MC-1; AC-8; QMC-1; SC-2	AC-6; INF-1
151	FA-6; Sill-9; CAC-3; CE-1; MP-1; MC-1; AC-10; SC-2	FA-1; Sill-2; Bragg-1; INF-1; CAV-1; AC-6
152	FA-2; Sill-2; CAC-2; INF-1; AC-3; SC-3	AC-9; Sill-1; INF-1
153	FA-9; Sill-1; CAC-1; INF-2; AC-4	FA-5; Sill-1; Bragg-1; CAC-3; INF-2; MC-1; AC-4; SC-1
154	FA-11; Sill-5; Bragg-3; CAC-1; INF-4; MC-3; AC-3; QMC-1	Sill-3; CAC-2; INF-3; AC-7; SC-1
155	Cancelled	
156	FA-11; Sill-5; Bragg-3; CAC-1; INF-3; MC-2; AC-5; QMC-1	FA-5; Sill-6; CAC-4; INF-2; MC-1; AC-13

<u>Class</u>	<u>Graduates</u>	<u>Failures</u>
153	FA-7; CAC-3; INF-4; MC-1; ORD-1; SC-1; AAF-11; FARTC (S)-4; FARTC (B)-2	FA-6; CAC-2; INF-2; MC-2; AAF-15; FARTC (S)-2; FARTC(B)-1
160	FA-7; INF-1; MC-1; CWS-1; QMC-1; SC-1; AAF-4; FARTC (S)-1; ARMD-1	FA-5; CAC-3; INF-1; SC-1; TD-1; AAF-8; FARTC (B)-1
161	All successful candidates transferred to Class No. 162.	FA-9; INF-1; MC-1; TD-1; ARMD-1; AAF-4; FARTC (S)-4; FARTC (B)-2
162	FA-8; CAC-1; INF-8; CAV-1; MC-1; SC-1; CWS-1; AAF-10; FARTC (S)-5; FARTC (B)-2	FA-2; INF-6; CAV-1; CE-1; MC-1; SC-1; AAF-1; FARTC (S)-4
164	FA-1; CAC-1; INF-2; MC-2; AAF-9; FARTC (S)-7	FA-6; CAC-1; CE-1; ORD-1; SC-1; ARMD-1; AAF-15; FARTC (S)-4
165	CAC-1; INF-2; CAV-2; MP-1; MC-1; ARMD-1; AAF-5; FARTC (S)-13	FA-3; CAC-1; INF-1; MC-1; QMC-1; AAF-6; FARTC (S)-8; FARTC (B)-1
169	FA-2; CAC-2; INF-3; AAF-11; FARTC (S)-22	INF-1; MC-1; AAF-3; FARTC (S)-8

NOTE: No information available on Class numbers 157, 159, 163,  
166, 167, and 168.

Failures shown include all who were dropped from the course for  
all causes except (1) physical, (2) discharged, (3) transferred.

## SECTION V

## DISPOSITION OF CANDIDATES BY CLASSES

## DISPOSITION OF CANDIDATES BY CLASSES

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Class	Entry Date	Enrolled	Graduated	Transferred to other classes	Academic Deficiency	Assigned	Lack of Academics	Disconduct	Physically Marginalized	Dead Beats	Discharged	Direct Commission	Transferred to other CCS
	1941												
1	10 Jul	126	79		26	6	12					1	
2	21 Aug	128	87		28	4	2						
3	2 Oct	130	87		41	1							
4	13 Nov	119	88		4	18						1	
	1942												
5	1 Jan	88	49		4				1	6			
6	8 Jan	87	48	1	2					6			
7	15 Jan	86	51	3	7					7			
8	22 Jan	85	57	1	2					4			
9	29 Jan	82	48	1	11					6			
10	5 Feb	87	58	7	3					6			
11	12 Feb	78	51	12	4		1			6			
12	19 Feb	87	44	7	6					17			
13	26 Feb	131	97	10	6	6				21			
14	5 Mar	134	107	11	6	6				17			
15	12 Mar	142	117	17	6				1	20			
16	19 Mar	144	110	22	4		3		1	26			
17	26 Mar	148	118	22	1		10		2	10			
18	2 Apr	264	180	11	10	12	3			48			
19	9 Apr	253	227	32	16	4	2	1	3	36			
20	16 Apr	270	210	34	17	12		1		39			
21	23 Apr	280	227	41	17	1			1	34			
22	30 Apr	279	225	37	11	4	2	1	3	33			
23	7 May	358	415	37	48	15	8			54			
24	14 May	358	420	49	33	17	6		3	53			
25	21 May	358	437	37	31	20	3	2	3	62			
26	28 May	351	393	57	35	8	6		1	64	1		
27	4 Jun	359	447	56	40	9	14	1		48			
28	11 Jun	349	424	42	25	25	12		3	61			

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Class	Entry Date	Enrolled	Graduated	Transferred in from previous classes	Academic Inefficiency	Resigned	Lack of Leadership	Misconduct	Physically Disqualified	Turn Backs	Discharged	Direct Commission	Transferred to other CCS
29	18 Jun	566	309	66	57	14	8		1	87			
30	25 Jun	565	428	63	41	12	6	4	2	70		1	
31	2 Jul	542	409	68	41	10	18	1	2	67			
32	9 Jul	647	408	60	48	33	13	1	4	60			
33	10 Jul	617	400	64	37	28	5	1	8	122			
34	23 Jul	632	437	64	36	46	0		4	111			
35	30 Jul	672	461	118	45	39	6		3	97			
36	6 Aug	666	378	118	58	68	25	1	3	144			
37	13 Aug	628	359	88	42	30	36		2	118	1	1	
38	20 Aug	584	377	87	44	21	13	1	2	68			
39	27 Aug	303	328	80	28	23	13			61			
40	3 Sep	508	364	86	16	36	7		2	61			
41	10 Sep	468	280	85	29	36	16		3	101			
42	17 Sep	481	268	88	21	43	31	1	1	85			
43	24 Sep	471	331	74	28	33	18		1	82			
44	1 Oct	528	361	71	34	32	6		1	104			
45	6 Oct	421	240	78	28	24	7		1	116			
46	16 Oct	478	303	171	21	18	8			118			
47	22 Oct	516	313	69	30	18	23			137			
48	29 Oct	622	330	109	40	32	27		2	191			
49	6 Nov	641	336	80	41	14	59		1	160			
50	12 Nov	639	309	60	40	42	16		1	162			
51	19 Nov	652	436	172	23	20	26			149			
52	26 Nov	603	374	201	17	29	30	1		182			
53	3 Dec	654	340	146	41	31	9		1	163			
54	10 Dec	646	277	88	20	83	30			228			
55	17 Dec	637	364	206	24	28	39	1	1	60			
56	24 Dec	461	266	124	14	23	40			109			
57	31 Dec	661	410	143	18	43	31	2	2	133	2		
58	7 Jan	566	346	102	18	46	36			126			
59	14 Jan	716	466	117	25	52	34	2	4	142			

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Class	Entry Date	Enrolled	Stratified	Transferred in from previous classes	Academic Deficiency	Resigned	Lack of Leadership	Misconduct	Physically Disqualified	Left Service	Discharged	Direct Commission	Transferred to other OCS
60	31 Jan	676	407	107	32	45	88	1	2	100			
61	28 Jan	660	488	186	18	49	80	10	2	116			
62	4 Feb	608	388	147	22	58	89	1	2	110			1
63	11 Feb	687	370	181	13	42	84	1	2	98	1	1	
64	10 Feb	674	388	166	11	27	87	3	2	111			
65	28 Feb	483	331	100	17	21	80	1	1	83			
66	4 Mar	390	224	100	23	31	80	1	1	72			
67	11 Mar	388	274	100	13	22	80	1	1	62			
68	18 Mar	398	244	98	16	21	80	1	1	63			
69	28 Mar	384	222	68	6	27	88	2	1	60			
70	1 Apr	417	287	81	20	18	88	1	1	65		1	
71	6 Apr	383	197	84	21	18	84	1	1	63			
72	18 Apr	418	284	88	17	11	80	1	1	68		2	
73	22 Apr	343	209	78	18	32	87	1	1	48			
74	20 Apr	338	176	80	20	32	89	3	2	63			
75	6 May	340	208	80	11	28	80	1	1	61			
76	13 May	319	168	60	12	27	87	1	1	62			
77	20 May	394	249	78	27	41	8	1	1	67			
78	27 May	323	149	87	21	42	28	1	1	73			
79	3 Jun	308	211	88	20	14	12	1	1	46			
80	10 Jun	310	198	74	10	26	13	1	1	52		1	
81	17 Jun	288	184	78	13	8	8	1	1	60	1		
82	24 Jun	288	218	88	15	11	4	1	1	42			
83	1 Jul	398	238	88	18	11	8	2	2	22			
84	2 Jul	188	99	68	11	2	8	11	1	30			
85	9 Jul	142	84	66	9	1	13	10	1	18			
86	18 Jul	180	93	24	9	1	7	1	1	20			
87	23 Jul	113	63	19	2	4	7	1	1	17			
88	30 Jul	138	108	20	2	2	7	1	1	15			
89	6 Aug	139	88	14	1	1	3	8	1	41			
90	13 Aug	188	128	27	1	1	3	4	1	17			1
91	20 Aug	164	164	29	1	1	1	8	1	17		1	
92	27 Aug	127	101	20	1	1	1	1	1	28			
93	3 Sep	69	41	21	1	1	1	1	1	18			
94	10 Sep	70	56	18	1	1	1	1	1	10			

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Class	Entry Date	Enrolled	Graduated	Transferred in from previous classes	Academic Deficiency	Reassigned	Lack of Leadership	Miscellaneous	Physically Disqualified	Turn Backs	Discharged	Direct Commission	Transferred to other OCS
96	17 Sep	49	50	22						13			
96	24 Sep	52	55	22						14			
97	18 Oct	55	55	22						14			
98	29 Oct	51	57	20		1				10			1
99	5 Nov	54	57	18						18			
100	22 Nov	71	85	25	1					29			
101	6 Dec	100	70	44	1		2			27			
102	13 Dec	91	51	29	1		1			27			
103	20 Dec	75	41	6	1		2			30			
104	27 Dec	55	52	25	1		2			30			
1944													
105	3 Jan	104	58	24	5		1			12			
106	10 Jan	95	58	21		1	1			25			
107	17 Jan	105	73	22	2		2			27			
108	24 Jan	92	58	19	2		2			21			
109	31 Jan	87	53	20	2					22			
110	7 Feb	85	59	18	2		1	2		13			
111	14 Feb	84	72	17	1		1	2		15			
112	21 Feb	64	53	16	3		2			26			
113	28 Feb	67	54	25	4		4			22			
114	8 Mar	69	40	9	2		7	1		20			
115	15 Mar	82	53	26	1		7			21			
116	20 Mar	71	59	21	5		3			4			
117	27 Mar	78	53	21	2		3			20			
118	3 Apr	101	72	11	2	1	3			23			
119	10 Apr	117	79	27	1		2			22			
120	17 Apr	102	74	20	1		2			25			
121	24 Apr	86	37	27	4	1	4			10			
122	1 May	49	32	20	1		1		2	10			
123	8 May	67	50	40	3		1			13			
124	8 Jun	101	62	20	12		10		1	12			
125	15 Oct	49	29		5		4		1	3			
126	8 Nov	53	22	5	2		2		1	12			
127	20 Nov	66	24		1		10		1	1			
128	27 Nov	50	22		2		10		1	2			1
129	Cancelled												
130	11 Dec	65	25	3	2	1	12		2	7			
131	18 Dec	62	30	3	2	10	5		7	8			

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Class	Entry Date	Enrolled	Graduated	Transferred in from previous classes	Academic Deficiency	Resigned	Lack of Leadership	Miscellaneous	Physically Disqualified	Turn Backs	Discharged	Direct Commission	Transferred to other CCS
	1946												
132	1 Jan	88	80	8	2		3	1	1	8			
133	8 Jan	87	81	6	2	1	10	1	1	7			
132	Cancelled												
135	22 Jan	88	88	8	2	4	8		8	12			
136	29 Jan	88	81	8	2	8	8			7			
137	8 Feb	88	87	18	1	7	8		8	11			
138	12 Feb	88	81	18	4	10	8	2	8	13			
139	19 Feb	87	86	7	4	10	4	1	8	4	1		
140	Cancelled												
141	8 Mar	88	84	14	3	10	8	2	1	8	1		
142	12 Mar	87	88	7	8	8	3		8	12		1	
143	19 Mar	80	80	18	7	8	8		8	10	1		
144	Cancelled												
145	8 Apr	88	87	18	3	4	3	1		11	1		
146	10 Apr	89	82	8	3	3	1	2	8	10	2		
147	Cancelled												
148	30 Apr	87	81	7	1	11	8	2	4	12			
149	7 May	88	88	8	8	10	1		1	19			
150	14 May	88	88	12	1	8	1		4	16			
151	21 May	87	88	7	4	8			8	8			
152	28 May	88	88	18	8	11			8	18			
153	4 Jun	88	17	7	8	18	3		8	11			
154	11 Jun	90	82	20	1	13	1		4	18	1		
155	Cancelled												
156	28 Jun	88	81	33	2	26	1	1	8	13	2		
157	Cancelled												
158	18 Jul	80	85		1	21			3	10			
159	Cancelled												
160	30 Jul	80	18		2	18	4		1	16			
161	8 Aug	80		3		13	1	8	2	25	1		
162	13 Aug	80	89	33	3	29	8		4	18	8		
163	Cancelled												
164	27 Aug	80	22		1	25	2		1	7	8		1

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Class	Entry Date	Enrolled	Graduated	Transferred in from previous classes	Academic Deficiency	Resigned	Lack of Leadership	Misconduct	Physically Disqualified	Tura Becks	Discharged	Direct Commission	Transferred to other OCS
185	10 Sep	50	26			17	1		4	9	2		
186	Cancelled												
187	Cancelled												
188	Cancelled												
189	8 Oct	43	41										

Total graduated	26,033	80.27
Total relieved for academic deficiency	2,138	6.59
Total resigned voluntarily	2,165	6.67
Total relieved for lack of leadership	1,721	5.31
Total relieved for misconduct	111	0.34
Total physically disqualified	215	0.66
Total discharged for dependency, points, etc.	30	0.09
Total commissioned directly	12	0.04
Total transferred to other OCS	9	0.03
	<u>32,432</u>	<u>100.00</u>

SECTION VI

TABLE OF AVERAGE AGES AND AVERAGE EDUCATION  
OF THE CANDIDATES

<u>Class</u>	<u>Total Enr</u>	<u>Average Age</u>			<u>Average Education</u>		
		<u>Enr</u>	<u>Grad</u>	<u>Fail</u>	<u>Enr</u>	<u>Grad</u>	<u>Fail</u>
1	126	26	26	26	1C	1C	1C
2	126	26	26	25	1C	1C	1C
3	130	25	26	25	3C	3C	2C
4	119	24	24	24	3C	3C	3C
5	58	26	25	26	3C	3C	2C
6	56	26	26	25	2C	3C	4HS
7	63	27	27	27	3C	3C	5C
8	62	26	27	25	2C	3C	1C
9	60	26	26	26	3C	3C	3C
10	60	26	26	26	4C	3C	4C
11	60	26	26	25	3C	3C	2C
12	60	26	27	27	3C	3C	3C
13	121	26	26	25	2C	3C	1C
14	123	27	25	29	3C	3C	1C
15	125	25	25	25	3C	3C	2C
16	122	26	26	27	3C	3C	4C
17	123	26	26	27	2C	2C	2C
18	243	26	26	26	3C	3C	4HS
19	256	26	26	25	3C	3C	2C
20	245	26	26	30	3C	3C	2C
21	239	27	26	29	2C	2C	2C
22	242	26	25	26	2C	2C	2C
23	499	26	26	25	2C	2C	1C
24	503	26	25	28	2C	2C	1C
25	515	26	26	27	2C	2C	1C
26	474	26	25	27	2C	2C	1C
27	503	26	26	26	2C	2C	1C
28	506	26	25	26	2C	2C	1C
29	501	26	25	26	1C	1C	4HS
30	502	25	24	25	1C	1C	4HS
31	474	25	25	25	2C	2C	1C
32	567	26	26	27	2C	2C	1C
33	553	26	25	28	2C	2C	2C
34	558	26	26	26	1C	1C	1C

<u>Class</u>	<u>Total</u> <u>Enr</u>	<u>Average Age</u>			<u>Average Education</u>		
		<u>Enr</u>	<u>Grad</u>	<u>Fail</u>	<u>Enr</u>	<u>Grad</u>	<u>Fail</u>
35	554	26	26	27	2C	2C	1C
36	553	26	26	26	2C	2C	1C
37	539	27	28	26	2C	2C	1C
38	467	26	26	28	2C	2C	2C
39	393	26	26	26	2C	2C	1C
40	422	26	26	25	2C	2C	1C
41	376	28	28	29	2C	2C	1C
42	383	26	26	27	2C	2C	1C
43	397	26	26	27	1C	1C	1C
44	457	26	26	27	2C	2C	1C
45	346	26	26	26	2C	2C	1C
46	295	27	26	29	1C	1C	1C
47	429	26	26	26	2C	2C	1C
48	513	30	26	26	2C	2C	1C
49	553	25	25	28	2C	2C	1C
50	571	26	26	27	2C	2C	1C
51	480	26	25	29	2C	2C	1C
52	402	26	26	28	2C	2C	1C
53	438	26	25	28	1C	1C	4HS
54	578	26	26	28	2C	2C	2C
55	331	25	26	29	1C	1C	4HS
56	327	26	25	26	1C	1C	1C
57	507	26	26	24	1C	1C	4HS
58	463	25	25	23	1C	1C	4HS
59	599	24	24	26	2C	2C	1C
60	478	26	25	25	1C	1C	1C
61	491	26	26	24	1C	1C	4HS
62	456	25	26	26	2C	2C	1C
63	426	25	24	24	2C	2C	2C
64	465	23	25	25	2C	2C	2C
65	377	25	25	25	2C	2C	1C
66	290	24	24	23	1C	4HS	1C
67	277	25	25	29	2C	2C	1C
68	310	25	26	28	1C	1C	4HS
69	316	25	26	27	1C	1C	1C
70	336	26	26	26	2C	2C	1C
71	279	25	25	25	1C	2C	4HS
72	354	24	24	24	2C	2C	1C
73	268	25	26	25	1C	1C	1C
74	269	26	26	26	1C	1C	1C
75	280	25	26	26	2C	2C	1C
76	269	25	24	26	3C	3C	1C
77	316	25	26	27	2C	2C	1C

<u>Class</u>	<u>Total Enr</u>	<u>Average Age</u>			<u>Average Education</u>		
		<u>Enr</u>	<u>Grad</u>	<u>Fail</u>	<u>Enr</u>	<u>Grad</u>	<u>Fail</u>
78	256	26	26	26	2C	2C	1C
79	217	26	26	31	2C	2C	1C
80	236	26	26	24	1C	2C	1C
81	193	21	23	25	4C	3C	3C
82	221	23	23	24	3C	3C	3C
83	212	22	23	25	3C	3C	2C
84	93	22	23	24	3C	3C	2C
85	76	23	23	26	3C	3C	2C
86	106	24	23	25	3C	3C	2C
87	94	22	23	25	3C	3C	3C
88	108	23	23	28	3C	3C	2C
89	125	22	22	22	3C	4C	2C
90	125	23	22	23	4C	4C	4C
91	125	23	23	26	4C	4C	3C
92	107	21	23		4C	4C	
93	38	25	23	27	3C	3C	2C
94	52	23	23	22	3C	3C	4HS
95	27	26	23	27	2C	3C	4HS
96	31	24	25	25	3C	3C	3C
97	50	26	26	26	2C	2C	1C
98	71	24	24	24	2C	2C	1C
99	38	26	25	25	2C	2C	8Grd
100	46	24	22	21	3C	2C	3C
101	56	22	23	22	3C	3C	3C
102	62	22	23	23	3C	3C	3C
103	69	26	26	24	2C	2C	3C
104	70	23	23	26	3C	2C	1C
105	80	23	23	22	3C	3C	2C
106	74	22	22	23	3C	3C	3C
107	76	20	22	25	3C	3C	1C
108	73	23	22	28	2C	3C	1C
109	67	22	22	22	3C	3C	3C
110	70	21	21	24	3C	3C	3C
111	77	22	22	25	4C	3C	3C
112	78	24	27	25	3C	3C	1C
113	71	22	22	22	3C	3C	2C
114	60	22	22	22	2C	2C	2C
115	53	23	22	22	2C	2C	2C
116	50	21	22	23	3C	3C	3C
117	57	25	24	23	3C	3C	3C
118	90	22	22	22	3C	3C	3C
119	90	21	22	23	3C	3C	3C
120	82	22	21	22	3C	3C	3C

Class	Total	Average Age			Average Education		
	Enr	Enr	Grad	Fail	Enr	Grad	Fail
121	29	25	24	23	2C	3C	3C
122	29	22	22	22	3C	3C	3C
123	27	24	23	24	2C	2C	2C
124	51	28	24	26	2C	2C	2C
125	49	26	25	26	2C	1C	4HS
126	50	28	26	27	2C	2C	2C
127	56	25	25	27	2C	2C	1C
128	50	23	22	24	1C	1C	1C
129	Cancelled						
130	60	23	23	23	1C	1C	1C
131	59	24	22	24	2C	2C	1C
132	60	24	25	23	1C	1C	4HS
133	51	25	24	26	2C	2C	1C
134	Cancelled						
135	50	23	24	23	2C	2C	1C
136	50	23	23	23	2C	2C	2C
137	50	23	25	23	2C	2C	1C
138	50	24	24	23	2C	2C	1C
139	50	24	24	23	2C	2C	1C
140	Cancelled						
141	50	22	23	23	1C	1C	1C
142	50	24	24	27	2C	2C	2C
143	48	24	24	23	2C	2C	1C
144	Cancelled						
145	50	24	24	26	2C	2C	1C
146	50	24	24	24	2C	2C	2C
147	Cancelled						
148	50	24	25	27	1C	1C	2C
149	50	24	24	24	2C	2C	1C
150	50	25	25	28	2C	2C	2C
151	50	25	25	27	2C	2C	1C
152	50	24	23	25	2C	2C	2C
153	48	24	24	25	2C	2C	2C
154	50	24	23	25	1C	1C	1C
155	Cancelled						
156	50	24	22	26	1C	2C	2C
158	50	23	23	24	1C	1C	2C
160	50	22	22	24	1C	1C	1C
161	50	23		22	1C		1C
162	50	23	22	23	1C	1C	1C
164	50	24	21	25	1C	1C	1C
165	50	24	24	25	1C	1C	1C
169	43	22	21	21	1C	1C	1C

Under average education is shown the number of years of college or high school completed, indicated by C and HS respectively.

NOTE: No information available on Class numbers 157, 159, 163, 166, 167, and 168.

## SECTION VII

### PROGRAM OF INSTRUCTION

#### OFFICER CANDIDATE COURSE--12 WEEKS

##### 1. General

a. Candidates will receive instruction in either motors or animal transport, not both. A certain proportion, approximately 20%, will be designated to receive the latter.

b. Ceremonies and inspections to include inspection of quarters, arms, uniforms, and equipment and such formal ceremonies as the conditions warrant, are to be held during unscheduled time.

c. Texts will include the Field Artillery Field Manual, the basic Field Manuals, and other authorized training publications.

##### 2. Subjects and Scope

###### a. Organizational Instruction.

- (1) Military Discipline, Courtesies, and Customs of the Service. The essentials of military discipline, courtesies, and customs of the service.
- (2) Interior Guard Duty. The duties of an officer in the conduct of an interior guard.
- (3) Military Hygiene, Sanitation, and First Aid. Elementary sanitation with special reference to the protection and maintenance of the health and physical efficiency of personnel, and first aid procedure.
- (4) Care of Arms and Equipment. The nomenclature of, care of, and the prescribed methods of cleaning arms and equipment.
- (5) Drill, Dismounted and Physical. The necessary minimum instruction in the school of the soldier, the platoon, and the battery. A rudimentary knowledge of how to conduct mass athletics for soldiers.

- (6) Marksmanship, Automatic Weapons. Sufficient instruction in the disassembly, functioning, and handling of the pistol and automatic rifle to enable the candidate to fire both weapons on the range.
- (7) Military Law. A general knowledge of the procedure of courts-martial and of the military laws governing the Army.
- (8) Administration and Mess Management. The essentials of small-unit mobilization; military correspondence, the use of penalty envelopes and labels, the use of the mails, routine battery reports; the operation of battery mess.

b. Gunnery.

- (1) Map and Air Photo Reading. Elementary interpretation, orientation, scales, directions, distances, vertical and horizontal, slope, visibility, conventional signs, and coordinates.
- (2) Service of the Piece. Theoretical and practical instruction in the service of the piece.
- (3) The Firing Battery. Theoretical and practical instruction in the organization of the firing battery and in the duties of the personnel, particularly the executive; firing commands; methods of laying the battery.
- (4) Preparation of Fire. Theoretical and practical instruction in the use of instruments; topographic operations; battery surveying; the use of firing tables, corrections; visibility and dead space charts; the preparation of fire by all usual methods.
- (5) Conduct of Fire. Theoretical instruction in all methods, ground and air, including practical conduct of fire by blackboard and terrain board.
- (6) Schedule Fires. Theoretical instruction in transfers of fire by various methods; high-burst ranging; concentrations; standing and rolling barrages.
- (7) Camouflage and Field Fortification. The general principles of camouflage and their application to field artillery problems; field fortification for field artillery.

- (8) Service Practice. Practical demonstrations by instructors; practical conduct of fire by students using all methods, both ground and air, transfers of fire, critiques.

c. Tactics.

- (1) Organization of the Army. General information as to the composition of the Army of the United States, the higher echelons of field artillery and a detailed treatment of the organization of field artillery within the regiment, a general picture of the military system of command and staff.
- (2) Defense Against Chemicals. Defense against chemical agents, an elementary knowledge of chemical agents and their use from the viewpoint of protection.
- (3) Associated Arms. A fundamental knowledge of the functions of the other arms sufficient to permit the student to visualize the role of field artillery in cooperation with other arms of the service.
- (4) Combat Orders. Field artillery combat orders for the battery and battalion.
- (5) Artillery Tactics. Characteristics and capabilities of the field artillery; the employment of the field artillery battalion in attack and defense; defense against aircraft and mechanized forces.
- (6) Artillery Staff Duties. Staff organization and principles; the organization and functioning of the battalion staff.
- (7) Logistics. The supply of field artillery units in the field, with emphasis on ammunition supply.
- (8) Fire Direction. Theoretical and practical fire direction of a battalion, to include preparation of overlays and time schedules, operation of fire direction charts, and staff duties in fire direction.
- (9) Reconnaissance, Occupation, and Organization of Position. Formation and duties of battery and battalion details. practical field exercises involving reconnaissance and occupation of position by a battalion, followed by fire direction with service ammunition.

- (10) General Field Exercises. Two overnight field exercises involving the maneuver of light and medium artillery under active service conditions.

d. Communication.

Signal Communication for Field Artillery. Operation of the telephone and switchboard; code names; traffic rules; circuit diagrams, wire laying, military messages; operation of the message center, field artillery wire and radio systems; visual signaling.

e. General.

Marches and Shelter. Execution of a march and bivouac.

f. Motors.

Motor Operation and Maintenance. Practical work in the care, maintenance, and operation of motor vehicles as used in a truck-drawn battery.

g. Animal Transport.

(1) Equitation. Riding and horsemanship.

(2) Animal Management. Sufficient knowledge of shoeing to enable the student to supervise and inspect shoeing in his organization; stable management in the field; prevention of injury and disease; care of the sick and injured.

(3) Driving and Draft. Assembly and adjustment of harness; driving; maneuvers limbered.

h. Materiel.

(1) Horse-drawn Artillery. Practical instruction in sights, guns, and carriages, 75-mm. A sufficient knowledge of the characteristics of ammunition to enable the student to select the proper type to accomplish his mission. Care, handling, and functioning.

(2) Motor-drawn Artillery. Practical instruction in sights, guns, and carriages, all calibers. A sufficient knowledge of the characteristics of ammunition to enable the student to select the proper type to accomplish his mission. Care, handling, and functioning. Demonstration of the emplacement of guns of the large caliber.

i. Open Time. To be allotted as the need is shown by inspections and the progress of instruction. It may be used in meeting the conditions imposed by the weather. All such time to be employed in instruction.

## SECTION VIII

### PROGRAM OF INSTRUCTION

#### OFFICER CANDIDATE COURSE--17 WEEKS

##### Processing and Basic Training

Time for these matters was given during the first week and one day and then after normal duty hours throughout the course. Students enter on a Thursday or Friday of each week and commence their academic instruction on the second Monday after entrance. The first two days are devoted to reception, classification, assignment, quartering, mess arrangement, text issue, general organization, and orientation. The following subjects are taught during the week, following entrance, ending on the second Saturday after entrance. After this first week, such subjects as Physical Training, Military courtesy and Discipline, and Dismounted Drill are necessarily continued for a part of or during the entire course, outside the regular duty hours:

- |  |          |
|--|----------|
| 1. Classification Procedure  | 1 hour   |
| 2. Company administration (one hour demonstration given in field, para. 2) | 16 hours |
| Military correspondence  |          |
| Company records and reports  |          |
| Army regulations--including cross reference file of circulars, etc.        |          |
| Company funds  |          |
| Payment of enlisted men, pay cards, service records, and allotments        |          |
| Boards of officers, investigations, and reports                            |          |
| Supply--including T/O's and T/E's, and individual clothing                 |          |
| Mess management--including one hour demonstration in field.                |          |
| 3. Leadership and morale   | 2 hours  |
| 4. Methods of instruction  | 10 hours |
| 5. Military censorship   | 2 hours  |



Academic Instruction

(next sixteen weeks less one day)

Department of Communication. This subcourse is designed to give a general knowledge of the capabilities of communication equipment, and to prepare officer candidates to make intelligent use of that equipment in the field. The course includes practical exercise with wire and radio equipment, and in the use of codes, ciphers, prearranged message forms, and Signal Operation Instructions.

a. **Subjects:** Conferences, demonstrations, and practical instruction to cover:

(1) Wire Communication

- (a) Description, tests, installation, operation, and maintenance of telephones, switchboards, and wirelaying equipment.
- (b) Installation, operation, and maintenance of wire systems.

(2) Radio communication

- (a) Description, installation, and operation of voice-radio equipment.
- (b) Capabilities and control of radio communication.
- (c) Voice radio procedure, radio discipline, and radio security.

(3) Allied subjects

- (a) Use of codes, ciphers, and prearranged message form.
- (b) Use of Signal Operation Instructions.
- (c) Writing and handling messages.
- (d) Communication systems.

b. Summary:

Wire communication	21 hours
Radio communication	28 hours
Allied subjects	<u>23 hours</u>
Total	72 hours

Department of Gunnery. This subcourse is designed to prepare the officer candidate for command of the firing battery and to equip him with a working knowledge of field artillery gunnery (to include fire direction).

a. Subjects: Theoretical and practical instruction in:

(1) Firing battery

Organization and training of the firing battery.  
Duties of personnel, particularly the executive.  
Fire commands and their execution.

(2) Observed fires

Preparation of data for observed fires, including use of instruments and computation of firing data.  
Technique of conduct of fire.  
Practical instruction in conduct of fire (service practice).

(3) Unobserved fires

Preparation of data for unobserved fires, to include survey, charts, maps and map substitutes, (particularly photo maps, restitution, and assembly of aerial photograph strips).  
Map data and metro data.  
Transfers and prearranged fires. Ballistics.

(4) Fire direction

Organization and technique of fire direction, to include duties of personnel at the battalion fire-direction center.  
Preparation of firing charts.  
Observed and unobserved fire missions.

(5) General

Artillery arithmetic.  
Preparation of data sheet.  
Use of graphical firing table.

b. Summary:

Firing battery	52 hours
Observed fires	126 hours
Unobserved fires	72 hours
Elementary Map and Aerial Photograph	
Reading	16 hours
Fire direction	22 hours
General	12 hours
Demonstrations	8 hours
Total	<u>308 hours</u>

Department of Materiel.

a. Objectives of subcourse.

- (1) To cover the operation, mechanical training, authorized disassemblies, battery maintenance and handling of ammunition of field artillery weapons of the Infantry Division. (Cal. . 30 Carbine, Cal. . 50 Machine gun, 37-mm Sub-caliber, 75-mm, 105-mm, and 155-mm Howitzers).
- (2) To familiarize student with use of War Department and Ordnance publications (Field Manuals, Technical Manuals, Standard Nomenclature Lists, and Gun Books).
- (3) Practical instruction in antiaircraft and close combat firing with emphasis upon methods of instruction, range procedure, and safety regulations.
- (4) Mines and Booby Traps  
Description and explanation of the functioning of various types of mines and booby traps.  
Examination of various types to familiarize students with their arming, disarming, and operation.  
Explanation of use of the mine detector.

b. Summary:

Orientation, examination	3 hours
Use of reference, tools, preservatives	2 hours
Preventive maintenance	2 hours
Construction of Weapons	8 hours
Ammunition	8 hours
Foreign Artillery	1 hour
Maintenance, 105-mm Howitzer, M2	10 hours
Maintenance, other weapons	10 hours
Antiaircraft Firing	16 hours
Small Arms Firing	8 hours
Mines, Anti-tank and Anti-personnel; Booby Traps	3 hours
Total	<u>71 hours</u>

Department of Motor Transport. The object of this subcourse is to prepare officer candidates to supervise intelligently the operation, maintenance, and inspection of the motor vehicles assigned to their organizations. It covers general instruction in the construction, operation, maintenance, and inspection of motor transport vehicles issued to the truck-drawn field artillery.

a. Subjects: Conferences, demonstrations, and practical work in the following:

- (1) Driver selection and driver training. Driving, difficult driving, extreme cold and desert operation; and emergency roadside repairs.
- (2) Preventive maintenance, echelons of maintenance; routine, and scheduled daily, weekly, and monthly (1000 mile) maintenance service; destruction, recovery, and evacuation of vehicles; the air compressor; and the field range.
- (3) Roadside engine trouble shooting.
- (4) Vehicle characteristics and nomenclature, tools, and equipment, forms, records, reports, functions of the battery motor officer, and the command inspection.
- (5) Field expedients and traction aids.

(6) March methods and technique. The various march methods and technique; occupation of bivouac areas; and overnight march without lights.

b. Summary:

Driver selection and driver training	18 hours
Preventative maintenance	42-1/2 hours
Roadside engine trouble shooting	6-1/2 hours
March methods and technique	24 hours
Vehicle characteristics and nomenclature, tools, equipment, forms, records, reports, function of the battery motor officer, and the command inspection	10 hours
Field expedients and traction aids	3 hours
Total	104 hours

Department of Tactics. The object of this subcourse is to instruct the officer candidates in the tactics of the battery and the battalion and to prepare him for the performance of staff functions within the battalion and command functions to include those of the battery commander.

a. Subjects:

(1) Artillery tactics

General principals of field artillery organization and commands (truck-drawn and armored).  
Tactical employment of battery and battalion (truck-drawn and armored).  
Artillery with security detachments.  
Protection of artillery units.  
Liaison.  
Forward observation.  
Fire direction.  
Defense against aircraft and mechanized forces.  
Aviation in cooperation with field artillery.  
Pioneering and demolitions.  
Umpire manual.

(2) Defense against chemical attack.

(3) Methods of aircraft identification.

- (4) Methods of armored vehicle identification.
- (5) Military sanitation and first-aid.
- (6) Mines, anti-tank and anti-personnel, booby traps.
- (7) Safeguarding military information.
- (8) Combat orders and staff duties

Preparation of combat orders and operation maps, general principles and technique.  
The field-artillery battalion field order.  
The battery order.

General principles of staff organization.  
Functions of general and special staffs of the division.

Staffs of the artillery battalion commander and the division artillery commander; functions and organization (to include staff sections).  
Field artillery staff records and reports.

- (9) Reconnaissance and occupation of position

Battery and battalion RSOP.  
Battery and battalion details; organization and use.  
Camouflage and field fortifications.

- (10) Logistics

Supply and evacuation within the division.  
Artillery ammunition supply.

- (11) Map and photomap reading

Maps and photomaps.  
Photomaps and air photo interpretation.  
Conventional signs, abbreviations, and symbols; scales, direction, and coordinates; elevations and ground forms.  
Terrain appreciation.  
Profiles.  
Use of stereoscopic pictures.

(12) Infantry tactics

Organization of Infantry Regiment.  
Infantry weapons.  
Infantry in defense.  
Infantry in attack.  
Infantry and artillery in the defense.  
Infantry and artillery in the attack.  
Infantry rifle company in the attack.  
Infantry security.  
Scouting and patrolling.

(13) Company administration

Battery administration in the field.

(14) Combat intelligence

Sources of information.  
Collecting information.  
Training programs and schedules.  
Duties of Battalion S-2.

b. Exercises. These consist of tactical rides, and a field exercise. The tactical rides are designed to develop an appreciation of terrain and its influence on tactical operations, to develop facility in the use of photomaps and air photos, and to give practical instruction in field artillery command and staff duties in the battalion and the battery. The field exercise involves a night occupation of position by a battalion.

c. Summary:

Artillery tactics	31 hours
Defense against chemical attack	4 hours
Methods of aircraft identification	1 hour
Methods of armored vehicle identification	1 hour
Military sanitation and first-aid	8 hours
Mines, anti-tank and anti-personnel; booby traps	8 hours
Safeguarding military information	2 hours
Combat orders and staff duties	6 hours
Reconnaissance, selection, and occupa- tion of position	91 hours
(38 night problems)	
Logistics	4 hours

Map and aerial photograph reading	22 hours
Infantry tactics	16 hours
Company administration	2 hours
Combat intelligence	7 hours
Field exercises for instructional purposes	8 hours
Total	<u>211 hours</u>

Summary of Hours by Departments

(Summary includes classes held during duty hours, night problems, and drill.)

Instruction during processing week and general orientation exercise	93-1/2 hours
Department of Communication	72 hours
Department of Gunnery	308 hours
Department of Material	71 hours
Department of Motor Transport	104 hours
Department of Tactics	211 hours
Time Reserved for the Assistant Commandant	11 hours
(Graduation, clearance of post, etc.)	
Total	<u>870-1/2 hours</u>

## SECTION IX

### OFFICER CANDIDATE 201 CARD

AND

### RATING AND OBSERVATION REPORT

Below are the instructions for use of "Officer Candidate 201 Card" and "Rating and Observation Report on Officer Candidate" issued by Headquarters, Student Regiment when these forms were adopted.

1. **OFFICER CANDIDATE 201 CARD.** The following instructions are published in connection with the personal history of each officer candidate passing through the Officer Candidate Course of the Field Artillery School. These instructions will become effective 19 November 1943.

a. **General--** It should be noted that the new officer candidate 201 card is divided into spaces reserved for the following: Personal Data, Academic Grades Class Ratings, Record of Demerits; Classmate Rating and Comments; Non-academic Record, (Consolidated Observation report and Remarks), Recommendations; the Action and Recommendations of the CTO, Bn. Commander and Selection Board, and the Final Disposition by the Faculty Board and Commandant. It is desired that the personal data and Remarks be typed, all other entries will be made in long hand using pen and ink.

b. **The Personal Data-** Upon arrival, during the processing, the candidate completes the personal data form for the Machine Records section. From the personal data form the candidate's 201 card is started and the appropriate data from the personal data sheet is transferred to the 201 card.

c. **Academic Grades--** As the grades are received from the various academic departments of the school, they will be entered in the appropriate spaces provided therein.

d. **Class Ratings -** As the class rating data is received from the various sources, viz; from the T. O. 's on the 6th, 9th, 12th, and 17th week, together with those received from time to time from academic departments, it will be entered in the appropriate

spaces. Toward the end of the course when all class ratings are in on a particular candidate, an average will be determined which will be entered in the last space. Also, this will be accomplished whenever a candidate is dropped.

e. Demerits--Demerits will be entered by week and carried forward from week to week by the total number of demerits to date.

f. Classmate Ratings and Comments--At the end of the 6th week and also at the end of the 12th week this space will be filled in for each candidate after he is rated by his classmates.

g. The Rating and Observation Report Space--This will be filled in as observation reports are received from tactical officers, instructors, and any other authorized to prepare this form. (See para. 2 below.)

h. Remarks--All remarks submitted on a candidate, less those that are noted on the standard form (Rating and Observation Report of Officer Candidate) will be entered in the space reserved for remarks. It should be noted that the reporting officers and the department, such as Tactics, Gunnery, etc., will be listed in the column headed Reporting Officer. In the Column for report number, which will be in numerical order, the number will be entered on each card as reports are received from any source, and the date and remarks will be carried out in the space provided for them.

i. Recommendations--Under Recommendation will be included data transferred from the rating and observation report of the Officer Candidate.

j. Action--The space reserved for Action will include the date and the action by the CTO, the Bn. Commander, and the Selection Board in the appropriate spaces. Generally, in the case of failures the principle cause or causes as published in Memorandum to Officer Candidates this Headquarters, dated 9 November 1943, will be used. Where space is insufficient the information will be listed under Remarks with appropriate reference.

k. Final Disposition--This will be checked by this Headquarters.

2. RATING AND OBSERVATION REPORT OF OFFICER CANDIDATE. The following instructions will govern in the preparation of the Rating and Observation Report which is made from time to time on each Officer Candidate. This report will be prepared in pencil.

a. The name of the candidate and the officer submitting same will be entered in the proper place. Under the captions from number 1 to number 8 the appropriate adjectives will be checked.

b. Under recommendations check one, if undecided, state so under remarks.

c. Under remarks state anything that is not already covered in the form itself.

d. On the back of the sheet circle the "Attributes" which in your opinion apply to the candidate.

e. At the bottom of the form on the back of the sheet place an X in the appropriate column opposite the items listed therein.

3. Ordinarily these reports will be prepared at least once a week for the first month and not less frequently than twice a month for the remainder of the course. It should be remembered that it will not always be possible to submit a complete report. Therefore, partial reports are acceptable.

a. These reports will be turned in to the Bn. Commander who will be responsible to see that they are entered on the 201 card with the least practicable delay.

b. In transferring the information from this report to the 201 card the report will be numbered as stated above and it will be noted that the items numbered from 1 to 8 are already printed on the 201 card. Therefore, the report number will be set opposite the adjectives on the 201 card as checked on the Observation Report in question.

c. These same instructions apply to the form printed at the bottom of the reverse side of the report.

d. Likewise these instructions apply to the action opposite recommendation.

e. Any remarks recorded, including "attributes," on the Observation Report will be transferred to the space reserved for "Remarks" opposite the name of the officer who submitted the report.

4. It is desired that the Reporting Officers not refer to the 201 card of the Officer Candidate when making a report. The report should indicate what you think of the Candidate at the time. It does not have to agree with a previous report. As a matter of fact your opinions will vary often change, for better or worse. Reporting officers need have no fear of contradicting themselves in submitting a series of reports as it is expected that this will very often be the case. Reporting officers should at no time consult with each other for the purpose of preparing a report.

5. Bn. Commanders and others concerned may call on Tactical Officers and Instructors for a special report covering any missing or additional information desired.



**FIELD ARTILLERY SCHOOL  
OFFICER CANDIDATE HEADQUARTERS  
Fort Sill, Oklahoma**

**RATING & OBSERVATION REPORT ON OFFICER CANDIDATE**

Officer Candidate \_\_\_\_\_ OCS No. \_\_\_\_\_ (Class) \_\_\_\_\_ (Date) \_\_\_\_\_  
 Submitted by \_\_\_\_\_ (Print Name)

**1. MANNER**

commanding  
convincing  
alert  
animated  
receptive  
retiring  
timid  
blunt

**2. PRESENCE**

impressive  
attractive  
neat  
sober  
unattractive  
colorless  
untidy  
slovenly

**3. RESULTS**

excellent  
decisive  
dependable  
questionable  
faulty  
unreliable  
poor  
unsatisfactory

**4. CHARACTER**

aggressive  
determined  
trustworthy  
self-reliant  
cautious  
unstable  
superficial  
negative

**5. MENTALITY**

imaginative  
quick-witted  
able  
versatile  
practical  
mediocre  
inept  
dull

**6. DISPOSITION**

cooperative  
cheerful  
adaptable  
tactful  
excitable  
conceited  
complaining  
faultfinding

**7. APPLICATION**

enthusiastic  
resourceful  
thorough  
industrious  
persistent  
slow  
indifferent  
careless

**8. KNOWLEDGE**

accomplished  
informed  
well-grounded  
unconversant  
uninformed  
shallow  
dabbler  
dense

**9. RECOMMENDATION**

Check One  
retain  
turnback  
drop  
watch  
board-out.

Notes: a. Place check mark alongside word (words) in each category which most aptly describes or fits the Officer Candidate under observation.

b. Comments on voice, posture and other related officer qualifications to be written under "Remarks" (back of this sheet).

(Place an X in the appropriate column)	UNSATIS- FACTORY	SATIS- FACTORY	VERY SATIS- FACTORY	EXCEL- LENT	SUPERIOR	UN- KNOWN
Military Bearing and Neatness.....						
Intelligence.....						
Attention to Duty.....						
Leadership.....						
Handling Men.....						
As an Instructor.....						
Cooperation.....						
Initiative.....						
Force.....						
Judgment and Common Sense.....						

(over)



## APPENDIX II

### STUDENT ENROLLMENT

#### By Months

<u>1940</u>	<u>Officers</u>	<u>Enlisted</u>	<u>Total</u>
July	98	311	409
August	153	311	464
September	198	307	505
October	379	322	701
November	326	321	647
December	430	513	943
<u>1941</u>			
January	433	513	946
February	628	831	1459
March	501	728	1229
April	763	1011	1774
May	779	1067	1846
June	760	1005	1765
July	737	1050	1787
August	684	1176	1860
September	646	1707	2353
October	703	1130	1833
November	693	1049	1742
December	842	1093	1935
<u>1942</u>			
January	831	1006	1837
February	934	1249	2183
March	766	1352	2118
April	796	1892	2688
May	853	2639	3492
June	975	4152	5127
July	952	5710	6662
August	1055	6595	7650
September	1124	6816	7940
October	1341	6831	8172
November	1175	6401	7576
December	1327	6422	7750
<u>1943</u>			
January	1479	6714	8193
February	1697	7205	8902
March	1741	6706	8447

<u>1943</u>	<u>Officers</u>	<u>Enlisted</u>	<u>Total</u>
April	1715	6387	8102
May	1704	5485	7189
June	1599	5209	6808
July	1532	4714	5246
August	2134	4080	6214
September	2223	5227	7450
October	1868	4220	6088
November	1874	2960	4834
December	2087	2863	4950
<u>1944</u>			
January	1827	2888	4715
February	1838	3240	5078
March	1866	3534	5400
April	1920	4104	5024
May	1878	3840	5718
June	1837	4035	5872
July	1916	3904	5820
August	1601	3026	4627
September	1490	2708	4198
October	1444	2515	3959
November	1230	2123	3378
December	1026	2287	3313
<u>1945</u>			
January	605	2267	2872
February	546	2094	2640
March	474	2109	2583
April	532	2349	2881
May	541	1521	2062
June	462	1635	2097
July	433	2389	2822
August	436	1957	2393
September	497	1824	2321
October	243	1432	1775
November	240	1159	1399
December	150	864	1014

### APPENDIX III

#### PERSONNEL ROSTER OF FIELD ARTILLERY SCHOOL

Except for the Commandant and the Assistant Commandant, the date shown in front of each officer's name is the date he assumed the position. Unless otherwise indicated, the last officer listed for a given position was still holding the position on 30 June 1946.

#### COMMANDANT

29 Jun 36--31 Jul 40	Col Augustine McIntyre
1 Aug 40--22 Dec 40	Brig Gen Donald C. Cubbison
20 Jan 41--29 Jun 42	Brig Gen George R. Allin
1 Jul 42--10 Jan 43	Brig Gen Jesmond D. Balmer
11 Jan 43--30 Oct 44	Maj Gen Orlando Ward
31 Oct 44--29 Aug 45	Maj Gen Ralph McT. Pennell
30 Aug 45--17 Jun 45	Maj Gen Louis E. Hibbs
18 Jun 46--	Maj Gen Clift Andrus

#### ASSISTANT COMMANDANT

12 Dec 38--17 Feb 41	Brig Gen Leroy P. Collins
14 Mar 41--25 Jun 41	Col Mert Proctor
4 Jul 41--20 Feb 42	Col James A. Lester
21 Feb 42-- 2 Sep 42	Col Theodore L. Futch
7 Nov 42--28 Nov 43	*Col Lawrence B. Bixby
1 Dec 43-- 3 Oct 44	Col Einar B. Gjelsteen
16 Oct 44--	Col Thomas E. de Shazo

\* Col Bixby assumed the duties of Assistant Commandant 3 Sep 42, under the title "Director of Instruction" (sometimes the title "Director of Resident Instruction" was used). AGF orders appointed him Assistant Commandant, effective 7 Nov 42 (Para 2, SO 209, AGF, 7 Nov 42).

EXECUTIVE

17 Mar 41	Lt Col Theodore L. Futch
13 Nov 41	Lt Col Harry McK. Roper
6 Aug 42	Col Richard E. Anderson
7 Sep 42	Col Theodore L. Futch
8 Dec 42	Col Charles L. Dasher, Jr.
7 Apr 43	Col Clinton M. Lucas
21 Mar 44	Col Russell G. Barkalow
6 Oct 45	Col Carl H. Jark
19 Apr 46	Col Julius E. Slack

SECRETARY

22 Jun 39	Maj Edward T. Williams
14 Apr 41	Maj Harry McK. Roper
13 Nov 41	Capt Donald G. McLennan
28 Jan 42	Maj Hugh F. Conrey
8 Apr 42	Maj Elmer H. Harrelson
6 May 42	Maj Houston L. Whiteside
24 Sep 42	Lt Col Donald G. McLennan
18 Aug 43	Maj Herbert L. Herberts
1 May 44	Lt Col Thomas W. McCaw
14 Nov 45	Col Beverley E. Powell

S-1

2 Sep 42	Capt Robert A. Pike
17 Sep 42	Lt Col Maxwell E. Nickerson, AGD
17 Mar 44	*Lt Col Thomas W. McCaw
13 Aug 45	Col Harold L. Doherty

\* Served as both S-1 and Secretary during period 1 May 44--12 Aug 45.

S-2

2 Sep 42	Col Leon R. Cole
9 Sep 43	Col Francis H. Boucher
5 May 45	Col Lloyd S. Patridge
14 Nov 45	Lt Col Leo W. Bagley (Acting)
26 Jun 46	Col Mercer C. Walter

S-3

2 Sep 42  
26 Jul 43  
21 Jul 44  
2 Jan 45  
4 Apr 45  
12 Jun 46

Col Thomas B. Hedeken  
Col Harold T. Brotherton  
Lt Col Dahes J. Oyster  
Col John F. Roehm  
Col Harold T. Brotherton  
Col James F. Brittingham

S-4

2 Sep 42  
3 Feb 43  
9 Jul 44  
2 Jul 45  
19 Feb 46  
11 Apr 46

Col Richard E. Anderson  
Maj Charles J. Jorgensen  
Lt Col Elijah B. Henby  
Col Wendell L. Bevan  
Lt Col Leslie L. Hittle  
Lt Col Wayne Hardman

INSPECTOR GENERAL

7 May 43  
1 Oct 43  
5 Jun 44  
26 Jul 45

Col Mark A. Dawson, IGD  
Col Frederick A. Metcalf, IGD  
Col Homer P. Dittimore, IGD  
Col Raymond G. Miller, IGD

ADJUTANT GENERAL

5 Aug 43  
5 Mar 45  
4 Dec 45  
30 May 46  
26 Jul 46

Col Warner W. Carr, AGD  
Lt Col Frank W. Roberts, AGD  
\*Col Harold A. Doherty, FA  
(Acting)  
Lt Col Ray N. Stetter, AGD  
Lt Col James F. Barber, Jr.,  
AGD

\* Served as Acting Adjutant General in addition to his duties as S-1 during period 4 Dec 45--29 May 46.

## DEPARTMENT DIRECTORS

### DEPARTMENT OF AIR TRAINING

6 Jun 42	Col William W. Ford
15 Jan 44	*Col Gordon J. Wolf
3 Nov 45	Brig Gen William W. Ford
7 Dec 45	The Department of Air Training redesignated Army Ground Forces Air Training School, with Brig Gen William W. Ford as Assistant Commandant.

\* Acting Director 23 Oct 43 to 14 Jan 44.

### DEPARTMENT OF ANIMAL TRANSPORT

1 Aug 40 (o/a)	Maj LeRoy J. Stewart
1 Mar 41 (o/a)	Lt Col James G. Watkins
30 Apr 42	Maj George A. Carver
3 Feb 43	Col Richard E. Anderson
18 Sep 43	Maj Gilbert M. Payne
7 Jan 44	Col Garrison B. Coverdale
25 Aug 44	Capt Perry H. Graves
25 Sep 44	The Department ceased to exist.

### DEPARTMENT OF COMBINED ARMS

3 Apr 44	Col Charles A. Pyle
1 Jun 44	Col Paul C. Boylan
4 Dec 45	Col Robert F. Hallock

Note. Name changed from Department of Tactics to Department of Combined Arms 3 Apr 44.

### DEPARTMENT OF COMMUNICATION

21 Nov 41	Maj William W. Ford
9 Jan 42	Col Ralph R. Mace
20 Apr 44	Col James R. Wheaton
4 Apr 45	Col John F. Roehm
29 Mar 46	Col Ralph R. Mace

### DEPARTMENT OF GUNNERY

2 Aug 39	Col Henry L. C. Jones
21 Mar 41	Col George V. Keyser
16 Jun 42	Col Francis W. Farrell
14 Dec 42	Col Einar B. Gjelsteen
30 Jun 43	Col Francis M. Day
1 Oct 43	Col George D. Crosby
9 Sep 44	Col Newton W. Jones
27 Nov 44	Col Lewis B. Griffing
27 Aug 45	Col Norman E. Poinier
18 Oct 45	Col Lewis B. Griffing
11 Jun 46	Col Thomas W. Dunn

### DEPARTMENT OF MATERIEL

4 Nov 40	Lt Col John P. Eckert
24 Dec 41	Col William L. Coughlin
3 Feb 43	*Col Claude F. Burbach
15 Dec 43	Col William C. Huggins
18 Oct 45	Col Norman E. Poinier

\* Acting Director 11 Dec 42--2 Feb 43.

### DEPARTMENT OF MOTORS

26 Jul 40	Col Leon R. Cole
1 Apr 41 (o/a)	Col Clyde M. Hallam
15 Feb 44	Col Herman J. Crigger
21 Aug 45	Lt Col Oliver S. Hulley
7 Jan 46	Col Maurice K. Kurtz

Note: Name changed from Department of Motor Transport to Department of Motors 22 Aug 44.

### DEPARTMENT OF TACTICS AND COMMUNICATION

15 Aug 38	Col John T. Kennedy
1 Sep 40	Col Mert Proctor
15 Mar 41	Lt Col Cuyler L. Clark, Sr.
12 Jul 41	Col Harwood C. Bowman
21 Nov 41	Department divided into Department of Tactics and Department of Communication.

### DEPARTMENT OF TACTICS

21 Nov 41	Col Harwood C. Bowman
12 Mar 42	Col Miles A. Cowles
9 May 42	Col Lawrence B. Bixby
3 Sep 42	Col Robert G. Gard
18 Dec 42	Col Edward T. Williams
24 Feb 43	Col John J. Binns
18 Jun 43	Col Francis T. Dodd
6 Aug 43	Col Charles A. Pyle
3 Apr 44	Name of Department changed to Department of Combined Arms.

### DEPARTMENT OF OBSERVATION

1 Dec 43	Col Paul R. Walters
31 Aug 45	Col William C. Bullock

### COMMANDING OFFICER, FAS DETACHMENT

26 Nov 40	Lt Col John A. Chase
1 Jun 41	Maj William C. Young
9 Sep 42	Maj Mercer D. Helms
25 Jan 43	Lt Col Lester L. Boggs
3 Oct 44	Col Hugh P. Adams
1 Mar 45	Col Benjamin B. Lattimore
1 Jan 46	Col John A. McFarland

### COMMANDING OFFICER, STUDENT REGIMENT

16 Jun 43	Col John J. Turner
9 May 44	Col Hugh P. Adams
2 Oct 44	Student Regiment ceased to exist; its functions assumed by the FAS Detachment.

COMMANDING SCHOOL TROOPS

15 Jul 42	Brig Gen Charles R. Doran
18 Dec 43	Brig Gen George H. Paine
21 Nov 45	Brig Gen Williston B. Palmer
3 Jan 46	Col Andrew P. O'Meara
26 Jan 46	Col John F. Bird

RANGE OFFICER

1 Jul 40	Col Robert G. Mangum
24 Aug 45	Maj Clarke M. Shaw

Note: Many of the officers enumerated above were promoted while occupying the positions indicated. The highest grade is used in each case.

## APPENDIX IV

### COMPOSITION OF SCHOOL TROOPS

31 Jan 41

Hq & Hq Btry, 18th FA Brig  
18th FA  
349th FA  
1st FA Bn  
51st FA Bn  
53d FA Bn  
1st Bn, 77th FA  
2d FA Obsn Bn  
142d FA (Ark NG)

30 Jun 41

Hq & Hq Btry, 18th FA Brig  
18th FA  
349th FA  
70th FA Bn  
71st FA Bn  
83d FA Bn  
1st Bn, 77th FA  
2d FA Obsn Bn  
8th FA Obsn Bn  
14th FA Obsn Bn  
142d FA

31 Dec 41

Hq & Hq Btry, 18th FA Brig  
18th FA  
349th FA  
70th FA Bn  
71st FA Bn  
83d FA Bn  
1st Bn, 77th FA  
2d FA Obsn Bn  
8th FA Obsn Bn  
14th FA Obsn Bn

31 Dec 41 (Cont)

142d FA  
818th TD Bn  
780th TD Co  
781st TD Co

30 Jun 42

18th FA  
349th FA  
112th FA  
47th FA Bn  
70th FA Bn  
71st FA Bn  
83d FA Bn  
3d FA Obsn Bn

15 Jul 42

Groupment

18th FA  
112th FA  
349th FA  
47th FA Bn  
70th FA Bn  
71st FA Bn  
83d FA Bn  
3d FA Obsn Bn  
5th Obsn Sq (SP)  
2d Bn, 47th QM Regt  
Co D, 49th QM Regt  
Co G, 49th QM Regt  
601st Ord Co

31 Aug 42

18th FA  
112th FA  
196th FA  
349th FA  
47th FA Bn  
70th FA Bn  
71st FA Bn

31 Aug 42 (Cont)

83d FA Bn  
3d FA Obsn Bn  
3d Bn, 167th Inf  
2d Bn, 47th QM Regt  
Co D, 49th QM Regt  
Co G, 49th QM Regt  
581st Ord Co

31 Jan 43

Hq & Hq, 17th FA Brig (Activated 19 Jan 43)  
18th FA  
112th FA  
196th FA  
349th FA  
70th FA Bn  
83d FA Bn  
93d Armd FA Bn  
3d FA Obsn Bn  
3d Bn, 167th Inf  
170th Inf Bn (Activated 2 Jan 43)  
2d Bn, 47th QM Regt  
Co D, 49th QM Regt  
Co G, 49th QM Regt  
Hq & Hq Det, 100th Ord Bn  
581st Ord Co  
582d Ord Co

31 Mar 43

Hq & Hq Btry, 17th FA Brig  
Hq & Hq Btry, 18th FA Gp  
685th FA Bn  
687th FA Bn  
689th FA Bn  
693d FA Bn  
Hq & Hq Btry, 112th FA Gp  
695th FA Bn  
696th FA Bn  
Hq & Hq Btry, 196th FA Gp  
196th FA Bn  
690th FA Bn  
Hq & Hq Btry, 349th FA Gp  
349th FA Bn  
686th FA Bn

31 Mar 43 (Cont)

Hq & Hq Btry, 422d FA Gp

691st FA Bn

692d FA Bn

241st FA Bn

242d FA Bn

179th FA Bn

70th FA Bn

83d Armd FA Bn

93d Armd FA Bn

3d FA Obsn Bn

170th Inf Bn

2d Bn, 47th QM Regt

Co D, 49th QM Regt

Hq & Hq Det, 100th Ord Bn

581st Ord Co

582d Ord Co

570th Ord Am Co

571st Ord Am Co

572d Ord Am Co

Prov Truck Regt

30 Jun 43

Hq & Hq Btry, 17th FA Brig

Hq & Hq Btry, 18th FA Gp

242d FA Bn

687th FA Bn

689th FA Bn

693d FA Bn

Hq & Hq Btry, 193d FA Gp

193d FA Bn

688th FA Bn

945th FA Bn

83d Armd FA Bn

Hq & Hq Btry, 349th FA Gp

349th FA Bn

686th FA Bn

Hq & Hq Btry, 422d FA Gp

241st FA Bn

691st FA Bn

692d FA Bn

Hq & Hq Btry, 472d FA Gp

472d FA Bn

694th FA Bn

30 Jun 43 (Cont)

179th FA Bn  
93d Armd FA Bn  
3d FA Obsn Bn  
170th Inf Bn  
Co D, 49th QM Regt  
Hq & Hq Det, 167th Ord Bn  
570th Ord Am Co  
571st Ord Am Co  
572d Ord Am Co  
581st Ord Am Co  
582d Ord Am Co

30 Sep 43

Hq & Hq Btry, 17th FA Brig  
Hq & Hq Btry, 18th FA Gp  
242d FA Bn  
687th FA Bn  
689th FA Bn  
693d FA Bn  
Hq & Hq Btry, 193d FA Gp  
193d FA Bn  
688th FA Bn  
945th FA Bn  
342d Armd FA Bn  
492d Armd FA Bn  
Hq & Hq Btry, 349th FA Gp  
349th FA Bn  
686th FA Bn  
578th FA Bn  
Hq & Hq Btry, 401st FA Gp  
259th FA Bn  
261st FA Bn  
262d FA Bn  
Hq & Hq Btry, 422d FA Gp  
241st FA Bn  
691st FA Bn  
692d FA Bn  
208th FA Bn  
Hq & Hq Btry, 472d FA Gp  
472d FA Bn  
694th FA Bn  
179th FA Bn  
285th FA Obsn Bn

30 Sep 43 (Cont)

170th Inf Bn  
166th Inf (less 2d Bn)  
Hq & Hq Det, 167th Ord Bn (Am)  
572d Ord Am Co  
582d Ord Am Co  
599th Ord Am Co  
620th Ord Am Co

31 Dec 43

Hq & Hq Btry, 17th FA Brig  
Hq & Hq Btry, 31st FA Brig  
Hq & Hq Btry, 193d FA Gp  
193d FA Bn  
688th FA Bn  
945th FA Bn  
342d Armd FA Bn  
Hq & Hq Btry, 349th FA Gp  
349th FA Bn  
686th FA Bn  
578th FA Bn  
Hq & Hq Btry, 401st FA Gp  
242d FA Bn  
259th FA Bn  
261st FA Bn  
262d FA Bn  
Hq & Hq Btry, 422d FA Gp  
241st FA Bn  
691st FA Bn  
692d FA Bn  
208th FA Bn  
Hq & Hq Btry, 472d FA Gp  
472d FA Bn  
694th FA Bn  
179th FA Bn  
601st FA Bn (Pack)  
285th FA Obsn Bn  
166th Inf (less 2d Bn)  
Hq & Hq Det, 167th Ord Bn  
572d Ord Am Co  
599th Ord Am Co  
620th Ord Am Co

31 Mar 44

Hq & Hq Btry, 31st FA Brig  
Hq & Hq Btry, 349th FA Gp  
349th FA Bn  
686th FA Bn  
Hq & Hq Btry, 351st FA Gp  
350th FA Bn  
351st FA Bn  
Hq & Hq Btry, 401st FA Gp  
74th FA Bn  
261st FA Bn  
262d FA Bn  
342d Armd FA Bn  
Hq & Hq Btry, 408th FA Gp  
130th FA Bn  
170th FA Bn  
280th FA Bn  
281st FA Bn  
Hq & Hq Btry, 472d FA Gp  
472d FA Bn  
694th FA Bn  
688th FA Bn  
193d FA Bn  
259th FA Bn  
285th FA Obsn Bn  
786th TD Bn  
3d Bn and Co D, 166th Inf  
Hq & Hq Det, 260th Ord Bn  
572d Ord Am Co  
661st Ord Am Co  
662d Ord Am Co  
663d Ord Am Co

31 May 44

Hq & Hq Btry, 31st FA Brig  
Hq & Hq Btry, 349th FA Gp  
349th FA Bn  
686th FA Bn  
370th FA Bn  
927th FA Bn  
Hq & Hq Btry, 351st FA Gp  
350th FA Bn  
351st FA Bn  
Hq & Hq Btry, 408th FA Gp

130th FA Bn  
170th FA Bn  
281st FA Bn  
74th FA Bn (less Btrys B & C and 2 Am  
Sec Sv Btry)  
786th Tank Bn  
383d FA Bn  
285th FA Obsn Bn  
3d Bn and Co D, 166th Inf  
Hq & Hq Det, 260th Ord Bn  
661st Ord Am Co  
662d Ord Am Co  
663d Ord Am Co  
Hq & Hq Det, Truck Regiment  
3536th QM Trk Co  
3537th QM Trk Co  
3538th QM Trk Co  
3539th QM Trk Co  
3540th QM Trk Co  
3553d QM Trk Co  
3554th QM Trk Co  
3555th QM Trk Co

30 Jun 44

Hq & Hq Btry, 31st FA Brig  
Hq & Hq Btry 349th FA Gp  
349th FA Bn  
686th FA Bn  
370th FA Bn (Dep 22 Jul)  
927th FA Bn  
Hq & Hq Btry, 351st FA Gp  
350th FA Bn  
351st FA Bn  
Hq & Hq Btry, 408th FA Gp  
130th FA Bn  
170th FA Bn  
281st FA Bn  
74th FA Bn (less Btrys B & C, and  
2 Am Sec, Sv Btry)  
786th Tank Bn  
383d FA Bn (Dep 24 Jul)  
395th Armd FA Bn (Dep 28 Jul 44)  
285th FA Obsn Bn  
477th FA Obsn Bn  
3d Bn and Co D, 166th Inf

Hq & Hq Det, 180th Ord Bn

661st Ord Co  
662d Ord Co  
663d Ord Co  
241st Ord Co

Hq & Hq Det, Truck Regiment

3536th QM Trk Co  
3537th QM Trk Co  
3538th QM Trk Co  
3539th QM Trk Co  
3540th QM Trk Co  
3553d QM Trk Co  
3554th QM Trk Co  
3555th QM Trk Co

31 Jul 44

Hq & Hq Btry, 31st FA Brig

Hq & Hq Btry, 408th FA Gp

170th FA Bn

74th FA Bn (less 3trys B and C, and  
2 Am Sec, Sv Btry)

786th Tank Bn

Hq & Hq Btry, 42d Div Arty (Arr 17 Jul)

232d FA Bn (Arr 16 Jul)

392d FA Bn (Arr 17 Jul)

542d FA Bn (Arr 17 Jul)

863d FA Bn (Arr 17 Jul)

Hq & Hq Btry, 65th Div Arty (Arr 22 Jul)

720th FA Bn (Arr 22 Jul)

867th FA Bn (Arr 22 Jul)

868th FA Bn (Arr 22 Jul)

869th FA Bn (Arr 22 Jul)

285th FA Obsn Bn

477th FA Obsn Bn

3d Bn and Co D, 166th Inf

Hq & Hq Det, 180th Ord Bn

661st Ord Am Co

662d Ord Am Co

663d Ord Am Co

241st Ord Am Co

Hq & Hq Det, Truck Regt

3536th QM Trk Co

3537th QM Trk Co

3538th QM Trk Co

3539th QM Trk Co

3540th QM Trk Co  
3553d QM Trk Co  
3554th QM Trk Co  
3555th QM Trk Co

31 Aug 44

Hq & Hq Btry, 31st FA Brig  
Hq & Hq Btry, 42d Div Arty (Dep 15 Sep)  
    232d FA Bn (Dep 15 Sep)  
    392d FA Bn (Dep 15 Sep)  
    542d FA Bn (Dep 15 Sep)  
    863d FA Bn (Dep 15 Sep)  
Hq & Hq Btry, 65th Div Arty  
    720th FA Bn  
    867th FA Bn  
    868th FA Bn  
    869th FA Bn  
170th FA Bn  
786th Tank Bn  
477th FA Obsn Bn  
    3d Bn and Co D, 166th Inf  
180th Ord Bn  
    661st Ord Am Co  
    662d Ord Am Co  
    663d Ord Am Co  
    241st Ord Am Co  
Truck Regiment  
    3537th QM Trk Co  
    3539th QM Trk Co  
    3540th QM Trk Co  
    3555th QM Trk Co  
    886th QM Trk Co  
    887th QM Trk Co  
    888th QM Trk Co  
    889th QM Trk Co  
    890th QM Trk Co

30 Sep 44

Hq & Hq Btry, 31st FA Brig  
Hq & Hq Btry, 210th FA Gp (Arr 2 Sep)  
    209th FA Bn  
    530th FA Bn  
    664th FA Bn  
    665th FA Bn  
Hq & Hq Btry, 417th FA Gp  
    764th FA Bn  
    765th FA Bn

765th FA Bn  
767th FA Bn  
170th FA Bn  
Btry A, 425th Armd FA Bn  
Btry C, 611th FA Bn (Pack)  
477th FA Obsn Bn  
786th Tank Bn  
3d Bn and Co D, 166th Inf  
Hq & Hq Det, 180th Ord Bn  
661st Ord Am Co  
662d Ord Am Co  
663d Ord Am Co  
241st Ord Am Co  
245th Ord Am Co  
246th Ord Am Co  
247th Ord Am Co  
Hq & Hq Det, Truck Regiment  
3539th QM Trk Co  
3540th QM Trk Co  
3555th QM Trk Co  
886th QM Trk Co  
887th QM Trk Co  
888th QM Trk Co  
889th QM Trk Co  
890th QM Trk Co

31 Oct 44

Hq & Hq Btry, 31st FA Brig  
Hq & Hq Btry, 210th FA Gp  
209th FA Bn (Dep o/a 2 Nov)  
530th FA Bn (Dep o/a 2 Nov)  
664th FA Bn  
665th FA Bn (Dep o/a 2 Nov)  
Hq & Hq Btry, 417th FA Gp (Arr 23 Sep)  
764th FA Bn (Arr 9 Sep)  
765th FA Bn (Arr 21 Sep)  
766th FA Bn (Arr 22 Sep)  
767th FA Bn (Arr 23 Sep)  
Btry A, 425th Armd FA Bn  
Btry C, 611th FA Bn (Pack)  
477th FA Obsn Bn  
786th Tank Bn  
3d Bn and Co D, 166th Inf  
Hq & Hq Det, 180th Ord Bn  
241st Ord Am Co

245th Ord Am Co  
246th Ord Am Co  
247th Ord Am Co  
Hq & Hq Det, Truck Regiment  
3539th QM Trk Co  
3540th QM Trk Co  
3555th QM Trk Co  
886th QM Trk Co  
887th QM Trk Co  
888th QM Trk Co  
889th QM Trk Co  
890th QM Trk Co

30 Nov 44

Hq & Hq Btry, 31st FA Brig  
Hq & Hq Btry, 210th FA Gp  
Hq & Hq Btry, 213th FA Gp (Arr 23 Nov)  
394th FA Bn (Arr 17 Nov)  
664th FA Bn  
Btry A, 425th Armd FA Bn  
Hq & Hq Btry, 214th FA Gp (Arr 18 Nov)  
569th FA Bn (Arr 18 Nov)  
580th FA Bn (Arr 18 Nov)  
583d FA Bn (Arr 18 Nov)  
626th FA Bn (Arr 18 Nov)  
Hq & Hq Btry, 417th FA Gp  
764th FA Bn  
765th FA Bn  
766th FA Bn  
767th FA Bn  
Btry C, 611th FA Bn (Pack)  
624th FA Obsn Bn (Arr 16 Nov)  
477th FA Obsn Bn (Dep 8 Dec)  
3d Bn, 166th Inf  
Co D, 166th Inf (Inactivated 7 Dec 44)  
Hq & Hq Det, 180th Ord Bn  
241st Ord Am Co  
245th Ord Am Co  
246th Ord Am Co  
247th Ord Am Co  
Hq & Hq Det, Truck Regiment  
3539th QM Trk Co  
3540th QM Trk Co  
3555th QM Trk Co  
886th QM Trk Co

887th QM Trk Co  
888th QM Trk Co  
889th QM Trk Co  
890th QM Trk Co

31 Dec 44

Hq & Hq Btry, 31st FA Brig

Hq & Hq Btry, 213th FA Gp

394th FA Bn

518th FA Bn (Arr 7 Dec)

566th FA Bn (Arr 7 Dec)

664th FA Bn

Hq & Hq Btry, 214th FA Gp

569th FA Bn

580th FA Bn

583d FA Bn

626th FA Bn

624th FA Obsn Bn

Btry A, 425th Armd FA Bn

Btry C, 611th FA Bn (Pack)

121st AAA Gun Bn

759th AAA Gun Bn

3d En, 166th Inf

Hq & Hq Det, 180th Ord Bn

245th Ord Am Co

246th Ord Am Co

247th Ord Am Co

Hq & Hq Det, Truck Regiment

3539th QM Trk Co

3540th QM Trk Co

886th QM Trk Co

887th QM Trk Co

888th QM Trk Co

889th QM Trk Co

890th QM Trk Co

31 Jan 45

Hq & Hq Btry, 31st FA Brig

Hq & Hq Btry, 213th FA Gp

394th FA Bn

664th FA Bn

1st Rocket Bn (Actd 4 Jan)

2d Rocket Bn (Actd 4 Jan)

Hq & Hq Btry, 214th FA Gp

569th FA Bn

580th FA Bn

583d FA Bn

626th FA Bn  
Btry A, 425th Armd FA Bn  
Btry C, 611th FA Bn (Pack)  
623d FA Obsn Bn (Activated 15 Jan)  
624th FA Obsn Bn  
518th FA Bn  
566th FA Bn  
3d Bn, 166th Inf  
Hq & Hq Det, 180th Ord Bn  
245th Ord Am Co  
246th Ord Am Co  
247th Ord Am Co  
Hq & Hq Det, Truck Regiment  
886th QM Trk Co  
887th QM Trk Co  
888th QM Trk Co  
889th QM Trk Co  
890th QM Trk Co

28 Feb 45

Hq & Hq Det, School Troops (Organized 12 Feb)  
FA Tng Det No. 1 (Organized 12 Feb)  
FA Tng Det No. 2 Organized 18 Feb)  
FA Tng Det No. 3 Organized 12 Feb)  
FA Tng Det No. 4 Organized 11 Feb)  
FA Tng Det No. 5 (Organized 12 Feb)  
FA Obsn Tng Det (Organized 18 Feb)  
Inf Tng Det (Organized 12 Feb)  
FA Motor Pool Det Organized 11 Feb)  
Range Det (Organized 18 Feb)  
134th FA Bn (Arr 13 Feb)  
628th FA Bn (Arr 12 Feb)  
664th FA Bn  
Hq & Hq Btry, 214th FA Gp (Dep 22 Mar)  
394th FA Bn  
569th FA Bn  
580th FA Bn  
583d FA Bn  
623d FA Obsn Bn  
624th FA Obsn Bn  
1st Rocket Bn  
2d Rocket Bn  
Hq & Hq Det, 180th Ord Bn (Inactivated 1 Mar 45)  
245th Ord Am Co  
246th Ord Am Co

247th Ord Am Co  
Hq & Hq Det, Truck Regiment (Discontinued  
14 Mar 45)  
886th QM Trk Co (Inactivated 1 Mar 45)  
887th QM Trk Co (Inactivated 1 Mar 45)  
888th QM Trk Co (Inactivated 1 Mar 45)  
889th QM Trk Co (Inactivated 1 Mar 45)

31 Mar 45

Hq & Hq Det, School Troops  
FA Tng Det No. 1  
FA Tng Det No. 2  
FA Tng Det No. 3  
FA Tng Det No. 4  
FA Tng Det No. 5  
FA Obsn Tng Det  
Inf Tng Det  
FA Motor Pool Det  
Range Det  
134th FA Bn  
628th FA Bn  
664th FA Bn  
623d FA Obsn Bn  
624th FA Obsn Bn  
1st Rocket Bn  
2d Rocket Bn  
245th Ord Am Co  
246th Ord Am Co  
247th Ord Am Co

30 Apr 45

Hq & Hq Det, School Troops  
FA Tng Det No. 1  
FA Tng Det No. 2  
FA Tng Det No. 3  
FA Tng Det No. 4  
FA Tng Det No. 5  
FA Obsn Tng Det  
Inf Tng Det  
FA Motor Pool Det  
Range Det  
134th FA Bn  
519th FA Bn (Arr 29 Apr)  
628th FA Bn

664th FA Bn  
623d FA Obsn Bn  
624th FA Obsn Bn  
421st Rocket FA Bn (Dep 10 May)  
422d Rocket FA Bn  
526th Rocket FA Bn (526th FA Bn redesignated  
10th Rkt FA Bn 15 Apr.  
Later redesignated 526th  
Rkt FA Bn)

245th Ord Am Co  
246th Ord Am Co  
247th Ord Am Co

31 May 45

Hq & Hq Det, School Troops

FA Tng Det No. 1  
FA Tng Det No. 2  
FA Tng Det No. 3  
FA Tng Det No. 4  
FA Tng Det No. 5  
FA Obsn Tng Det  
Inf Tng Det  
FA Motor Pool Det  
Range Det  
134th FA Bn  
519th FA Bn (Redesignated Rkt Bn 20 Jun)  
628th FA Bn  
664th FA Bn  
623d FA Obsn Bn  
624 FA Obsn Bn  
526th Rocket FA Bn  
245th Ord Am Co  
246th Ord Am Co

30 Jun 45

Hq & Hq Det, School Troops

FA Tng Det No. 1 (18 105-mm H; 4 75-mm Pk H)  
FA Tng Det No. 2 (18 105-mm H; 12 155-mm H;  
Tr Dr)  
FA Tng Det No. 3 (18 105-mm H; 2 240-mm H;  
2 8-in G)  
FA Tng Det No. 4 (18 105-mm H; 2 155-mm G;  
2 8-in H)  
FA Tng Det No. 5 (18 105-mm M7; 9 Tanks M4;  
4 TD M10)

FA Obsn Tng Det  
Inf Tng Det  
FA Motor Pool Det  
Range Det  
519 Rocket FA Bn  
628th FA Bn  
664th FA Bn  
623d FA Obsn Bn  
526th Rocket FA Bn  
246th Ord Am Co

31 Jul 45

Hq & Hq Det, School Troops  
FA Tng Det No. 1  
FA Tng Det No. 2  
FA Tng Det No. 3  
Fa Tng Det No. 4  
FA Tng Det No. 5  
FA Obsn Tng Det  
Inf Tng Det  
FA Motor Pool Det  
Range Det  
628th FA Bn (Redesignated Rkt Bn 1 Aug)  
664th FA Bn  
623 FA Obsn Bn  
519th Rocket FA Bn  
526th Rocket FA Bn

31 Aug 45

Hq & Hq Det, School Troops  
FA Tng Det No. 1 (6 75-mm G; 18 105-mm H)  
FA Tng Det No. 2 (18 105-mm H; 12 155-mm H,  
Tr Dr)  
FA Tng Det No. 3 (18 105-mm H; 1 8-in G)  
FA Tng Det No. 4 (18 105-mm H; 2 8-in H)  
FA Tng Det No. 5 (18 105-mm SP M7; 9 Tanks  
M4, 4 76-mm G Sp M18)  
FA Obsn Tng Det  
Inf Tng Det  
FA Motor Pool Det  
Range Det  
664th FA Bn  
623d FA Obsn Bn  
519th Rocket FA Bn (Inactivated 11 Sep 45)

28th Rocket FABn  
28th Rocket FA Bn (Inactivated 11 Sep 45)

30 Sep 45

Hq & Hq Det, School Troops

FA Tng Det No. 1  
FA Tng Det No. 2  
FA Tng Det No. 3  
FA Tng Det No. 4  
FA Tng Det No. 5  
FA Obsn Tng Det  
Inf Tng Det  
FA Motor Pool Det  
Range Det  
664th FA Bn  
623d FA Obsn Bn  
525th Rocket FA Bn

1 Oct 45

Hq & Hq Det, School Troops

FA Tng Det No. 1  
FA Tng Det No. 2  
FA Tng Det No. 3  
FA Tng Det No. 4  
FA Tng Det No. 5  
FA Obsn Tng Det  
Inf Tng Det  
FA Motor Pool Det  
Range Det  
664th FA Bn  
623d FA Obsn Bn  
526th Rocket FA Bn (Inactivated 20 Nov 45)

30 Nov 45

Hq & Hq Det, School Troops

FA Tng Det No. 1  
FA Tng Det No. 2  
FA Tng Det No. 3  
FA Tng Det No. 4  
FA Tng Det No. 5  
FA Obsn Tng Det  
Inf Tng Det  
FA Motor Pool Det

Range Det  
664th FA Bn  
623d FA Obsn Bn (Inactivated 7 Dec 45)

31 Dec 45

Hq & Hq Det, School Troops  
FA Tng Det No. 1  
FA Tng Det No. 2  
FA Tng Det No. 3  
FA Tng Det No. 4  
FA Tng Det No. 5  
FA Obsn Tng Det  
Inf Tng Det  
FA Motor Pool Det  
Range Det  
664th FA Bn

1 Jan--9 Apr 46

School Troops remained as shown for 31 Dec 45,  
with following changes:

664th FA Bn transferred out in March.

10 Apr 46

School Troops units redesignated. School Troops  
now constituted as follows:

Hq & Hq Btry, FAS Troops  
1st Bn, FAS Troops  
2d Bn, FAS Troops  
3d Bn, FAS Troops  
4th Bn, FAS Troops  
5th Bn, FAS Troops  
Obsn Bn, FAS Troops  
Inf Bn, FAS Troops  
Truck Bn, FAS Troops

Attached:

Night Vision Section, FAS

30 Jun 46

Same as shown for 10 Apr 46, with following addition:

969th FA Bn (155-mm Gun, Combined Tractor Drawn and Self-Propelled) - activated at Fort Sill 17 Jun 46.

NOTE: The Range Detachment is listed as a unit of School Troops from 28 February 1945 to 9 April 1946, as it was included in the Tables of Distribution prescribed by AGF for School Troops. However, it continued to function as a special staff section of headquarters FAS, and not under headquarters School Troops.

APPENDIX V

OFFICERS FROM FOREIGN COUNTRIES WHO  
COMPLETED REGULARLY AUTHORIZED COURSES  
AT THE FIELD ARTILLERY SCHOOL

1 January 1941--31 August 1945

<u>Year</u>	<u>Course</u>	<u>No. Off</u>	<u>Country</u>	<u>No. From Ea. Country</u>
1941	Battery Officers'	15	Colombia	3
			Venezuela	2
			Brazil	5
			Argentina	1
			Ecuador	1
			Chile	1
			Peru	2
1942	Battery Officers'	7	Argentina	1
			China	2
			Colombia	1
			Ecuador	1
			Guatemala	1
			Honduras	1
	Field Officers'	2	China	2
1943	Officers' Basic	7	China*	3
			France	2
			Haiti	1
			Peru	1
	Officers' Advanced	5	China*	3
			Colombia	1
			Netherlands	1) Same
	Officers' Communica-	1	Netherlands	) Offi-
	tion			cer
	Officers' Survey	1	China*	1
	Officers' Motor	1	China*	1
Officers' Sound and Flash Ranging	1	China*	1	
FA Pilot	1	China*	1	
Spec Brazilian Officers'	20	Brazil	20	

\* Represents a total of 4 Chinese Officers. Each took 2 or 3 courses.

<u>Year</u>	<u>Course</u>	<u>No. Off</u>	<u>Country</u>	<u>No. From Ea. Country</u>	
1944	Officers' Advanced	7	Colombia	5	
			Peru	2**	
	Officers' Special Basic	3	Peru	3**	
			Peru	1**	
	Officers' Survey	1	Peru	1**	
	Brazilian Officers'	32	Brazil	32	
	OCS	4	Dominican Republic	2***	
France			2***		
1945	Officers' Special Basic	9	Peru	1**	
			Philippines	8	
	Officers' Refresher	13	Great Britian	1	
			Peru	4**	
			Philippines	8	
	Officers' Communica tion	2	Philippines	2	
			Philippines	2	
	Officers' Motor	2	Philippines	2	
	Number of Officers by Courses				143
	Number of Officers Involved				130

\*\* Five Peruvian Officers took 11 courses.

\*\*\* These were commissioned officers, even though they were enrolled in the Officer Candidate Course. In addition, five aspirants (candidates) from the French Army were enrolled.

APPENDIX VI

ARTILLERY AMMUNITION EXPENDED ON FORT SILL RANGE  
7 December 1941 to 25 March 1946

240-mm Howitzer Shell	103
8-in Howitzer Shell	1,254
4.7-in Gun Shell	3,242
155-mm Gun Shell	12,946
155-mm Howitzer Shell	64,918
155-mm Illuminating Shell	406
105-mm Howitzer Shell	2,905,634
75-mm Gun-Howitzer Shell	2,420,781
37-mm Gun Shell	1,142,305
81-mm Mortar Shell	17,777
60-mm Mortar Shell	12,613
4.5"-7.2" Rockets	19,463
	<u>6,601,442</u>

# Field Artillery School

## Fort Sill, Oklahoma



Officers' Advanced Course

### Certificate of Proficiency

This certifies that

\*\*\*\*\*

on  
Course, Class No.

completed satisfactorily the Officers' Advanced  
Field Artillery School, in the following subjects:

**REFRESHER SUBJECTS**

Materiel  
Methods of Instruction  
and Training  
Motor Transport  
Map Reading

**ADVANCED SUBCOURSES**

Artillery Command and Staff Duties  
Tactical Operations  
Communications  
Firing, Battery and Observed Fires  
Unobserved Fires and Survey  
Fire Direction

*Ralph W. Penner*

MAJOR GENERAL, U. S. A.  
COMMANDANT

Recorded as graduated:

*J. W. McEwen*

LIEUTENANT COLONEL, FIELD ARTILLERY  
SECRETARY

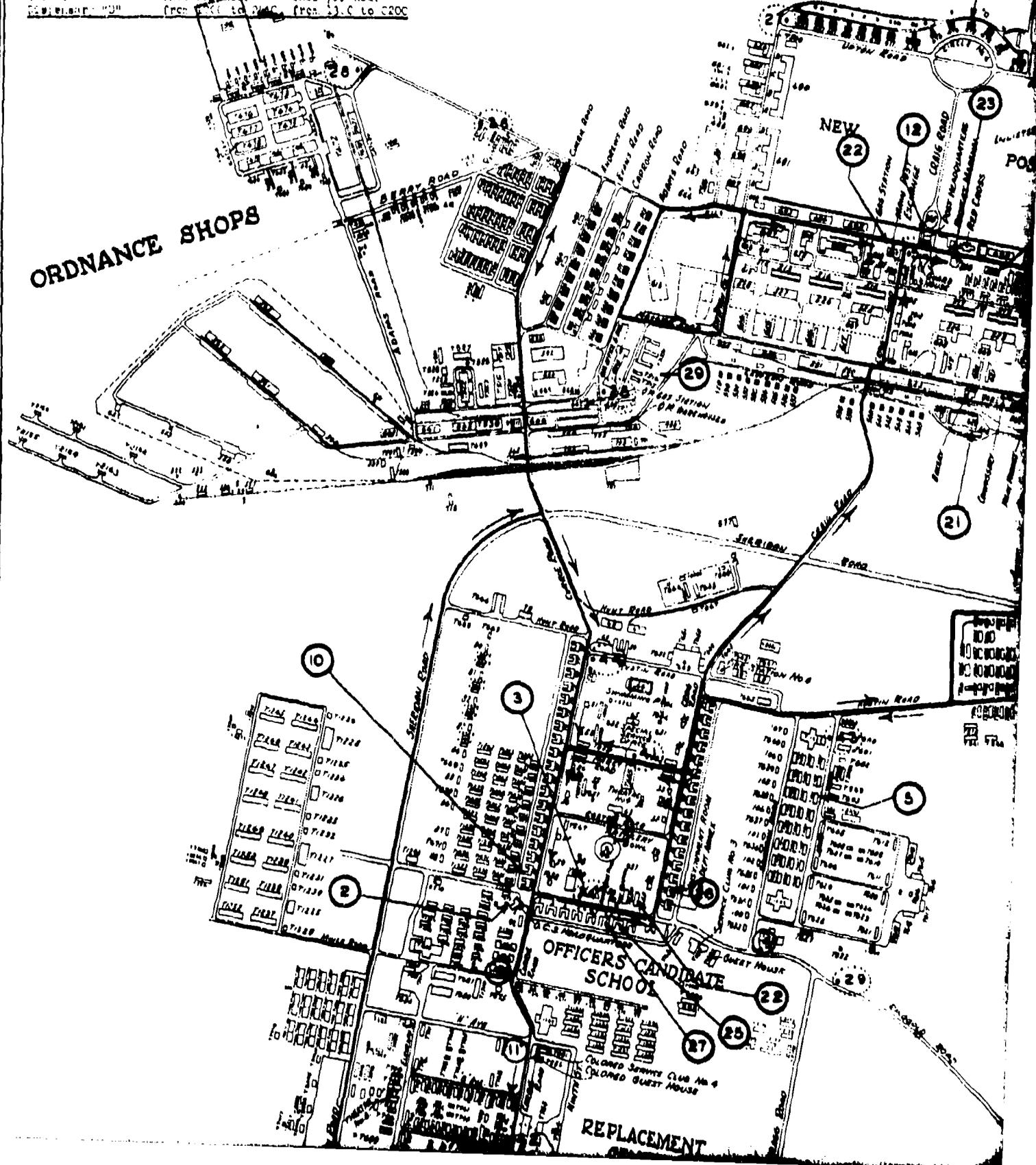
*Thomas de Shazo*

COLONEL, FIELD ARTILLERY  
ASSISTANT COMMANDANT

BUS SCHEDULE		
Loc. No.	Loc. No.	Sats. & Hols.
Training Center and Fort Hill	Every 15 minutes from 0600 to 1600	Every 5 minutes from 1600 to 0200
Gate 4	Once per hour from 1600 to 0200	Once per hour from 1200 to 0130
Gate 1 - Personnel for Colored Personnel	Once per hour from 1600 to 2400	Once per hour from 1200 to 2400
Gate 1 - Personnel	Every 45 minutes from 1600 to 2400	Every 45 minutes from 1200 to 0200
Gate 1 - Personnel	Once per hour from 1600 to 2400	Once per hour from 1200 to 0200
Gate 1 - Personnel	Once per hour from 1600 to 2400	Once per hour from 1200 to 0200

### LEGEND

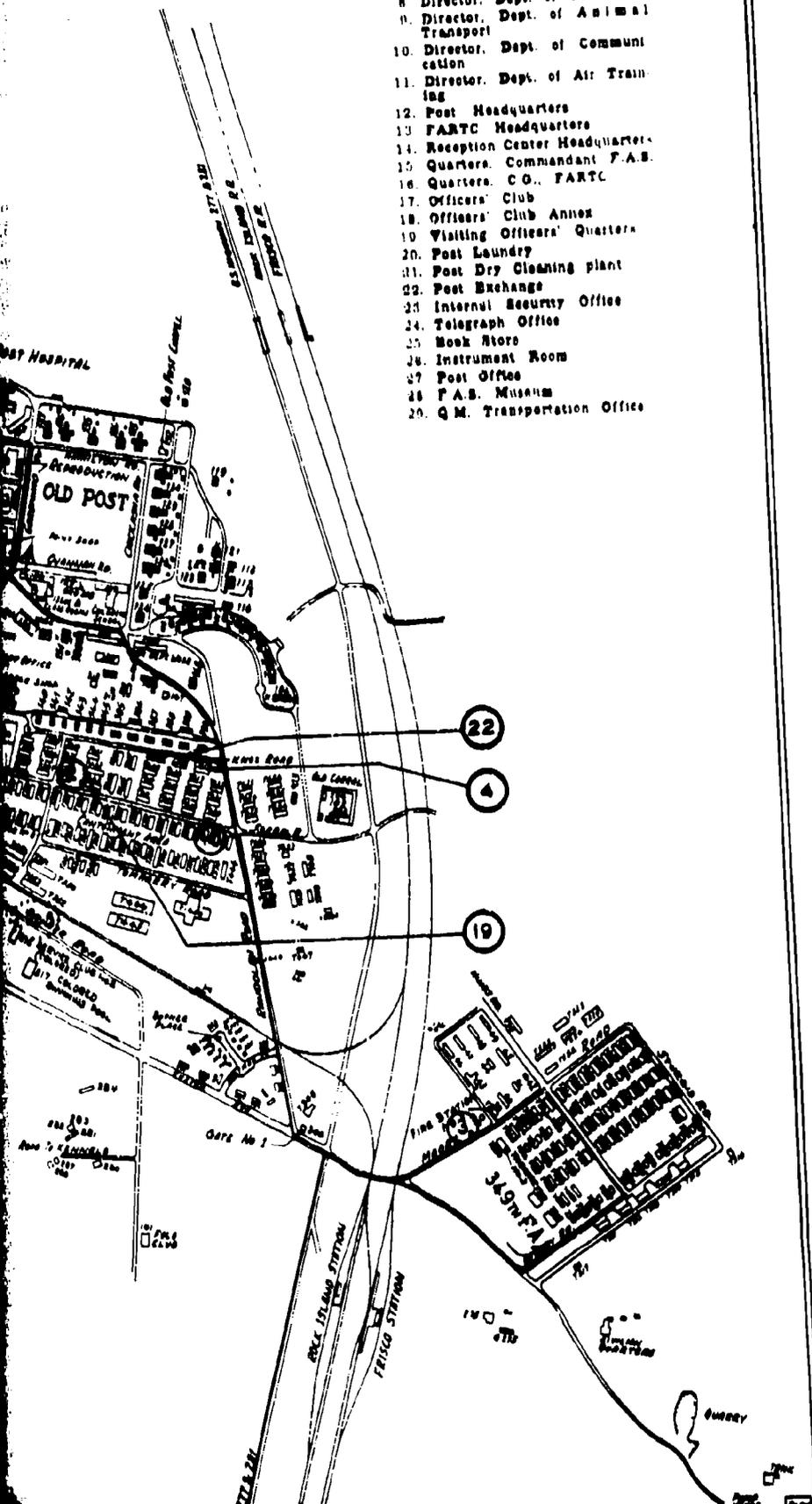
- BUS ROUTE
- ⑤ CAB STANDS
- ⑩ CAB STOPS

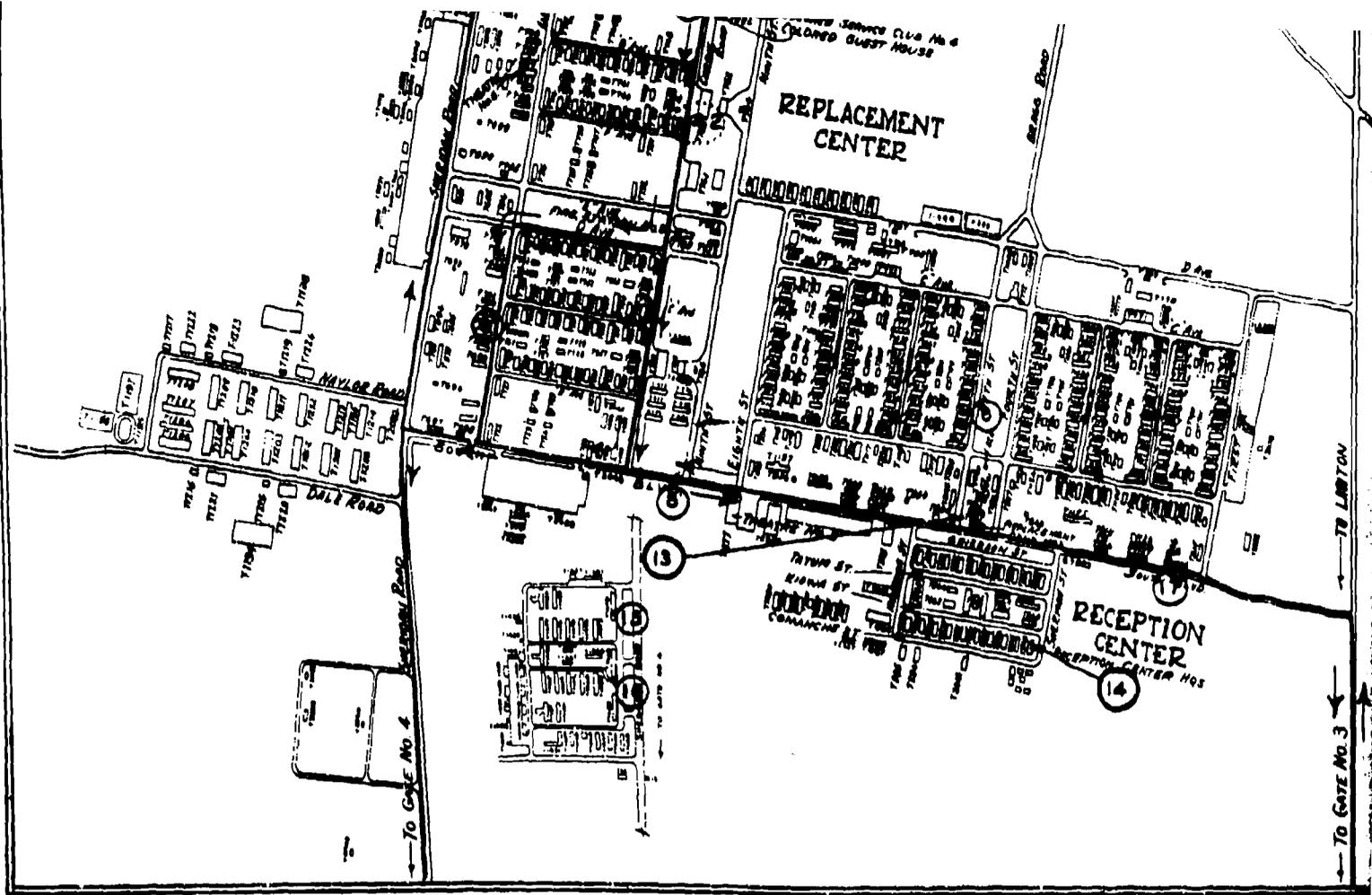




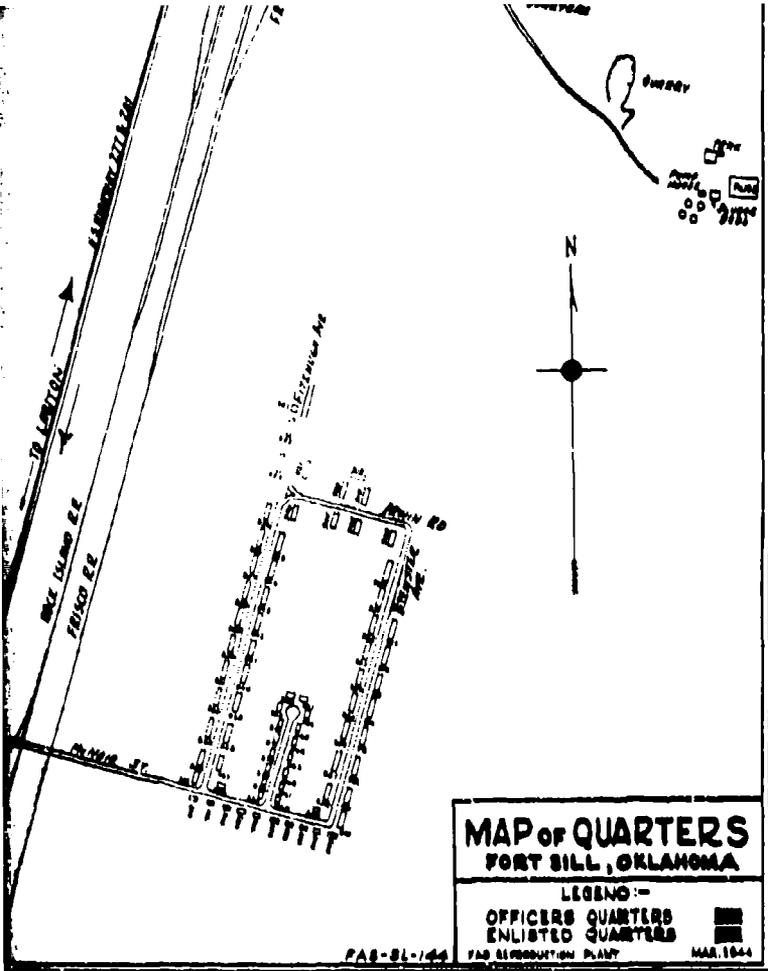
1943

- 1 F.A.S. Administration Building
- 2 Headquarters Student Regiment
- 3 Headquarters Ath Battalion
- 4 Headquarters Officers Student Battalions
- 5 Director, Dept. of Gunbery
- 6 Director, Dept. of Motors
- 7 Director, Dept. of Material
- 8 Director, Dept. of Tactics
- 9 Director, Dept. of Animal Transport
- 10 Director, Dept. of Communication
- 11 Director, Dept. of Air Training
- 12 Post Headquarters
- 13 FARTC Headquarters
- 14 Reception Center Headquarters
- 15 Quarters, Commandant F.A.S.
- 16 Quarters, C.O., FARTC
- 17 Officers' Club
- 18 Officers' Club Annex
- 19 Visiting Officers' Quarters
- 20 Post Laundry
- 21 Post Dry Cleaning plant
- 22 Post Exchange
- 23 Internal Security Office
- 24 Telegraph Office
- 25 Book Store
- 26 Instrument Room
- 27 Post Office
- 28 F.A.S. Museum
- 29 G.M. Transportation Office

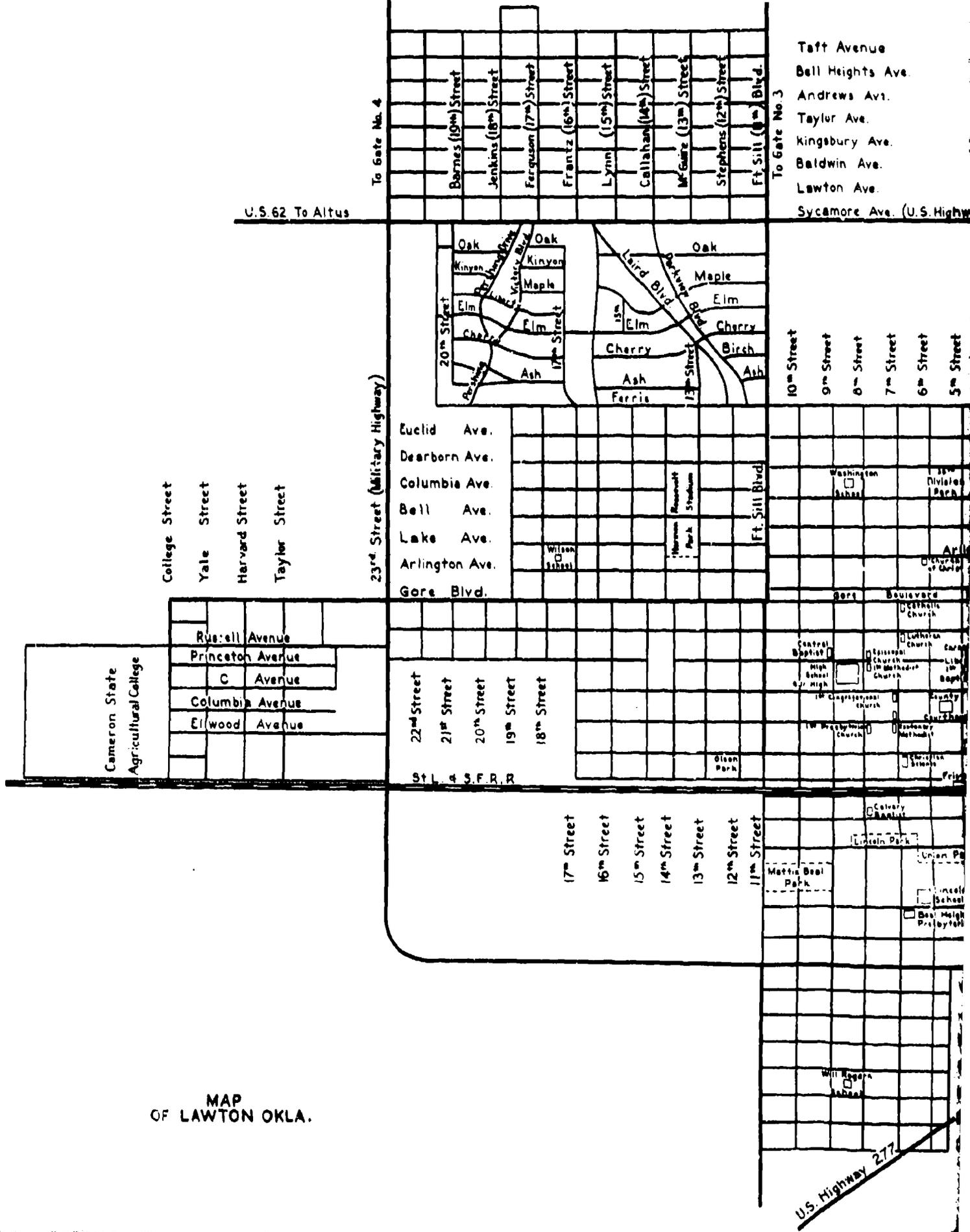


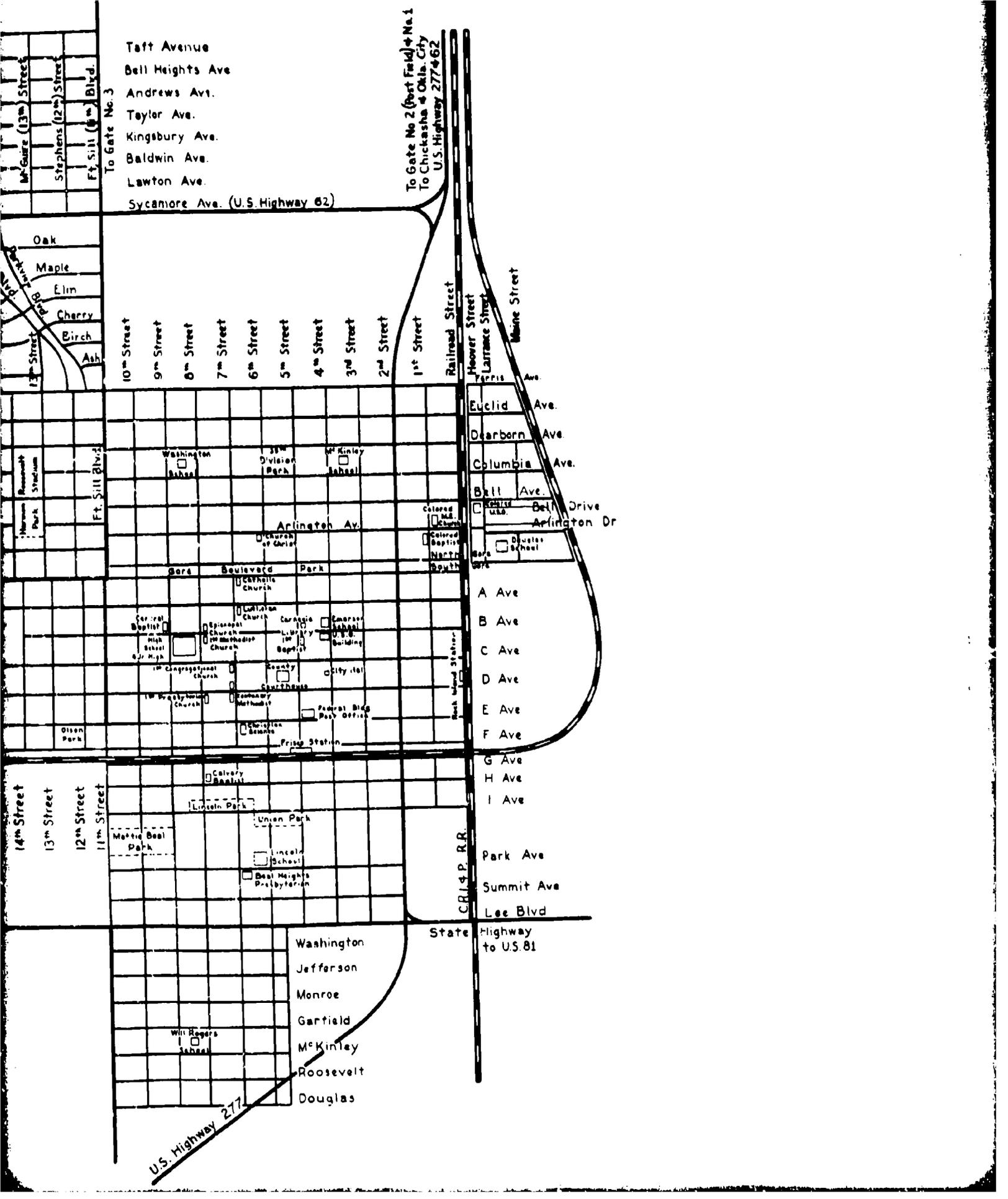






MAP  
OF LAWTON OKLA.





Taft Avenue  
 Bell Heights Ave  
 Andrews Ave.  
 Taylor Ave.  
 Kingsbury Ave.  
 Baldwin Ave.  
 Lawton Ave.  
 Sycamore Ave. (U.S. Highway 82)

To Gate No 2 (Port Field) & No. 1  
 To Chickasha & Okla. City  
 U.S. Highway 277 & 62

McGuire (13th Street)  
 Stephens (12th Street)  
 Ft. Sill (8th Street) Blvd.  
 To Gate No. 3

Oak  
 Maple  
 Elm  
 Cherry  
 Birch  
 Ash

Reynolds Park  
 Harmon Park  
 Ft. Sill Blvd

14th Street  
 13th Street  
 12th Street  
 11th Street

Washington  
 Jefferson  
 Monroe  
 Garfield  
 McKinley  
 Roosevelt  
 Douglas

10th Street  
 9th Street  
 8th Street  
 7th Street  
 6th Street  
 5th Street  
 4th Street  
 3rd Street  
 2nd Street  
 1st Street

Railroad Street  
 Hoover Street  
 Larrance Street  
 Maine Street

Euclid Ave.  
 Dearborn Ave.  
 Columbia Ave.  
 Bell Ave.  
 Bell Drive  
 Arlington Dr

A Ave  
 B Ave  
 C Ave  
 D Ave  
 E Ave  
 F Ave  
 G Ave  
 H Ave  
 I Ave

Park Ave  
 Summit Ave  
 Lee Blvd

State Highway to U.S. 81

U.S. Highway 277

Washington School  
 39th Division Park  
 McKinley School  
 Arlington Av.  
 Church of Christ  
 Berea Boulevard Park  
 Central Baptist Church  
 Epworth Church  
 Episcopal Church  
 1st Methodist Church  
 Carnegie Library  
 Emerson School  
 1st High School  
 1st Congregational Church  
 1st Wesleyan Church  
 1st Baptist Church  
 County City Hall  
 City Hall  
 Federal Bldg Post Office  
 Frisco Station  
 Calvary Baptist  
 Lincoln Park  
 Union Park  
 Lincoln School  
 Bell Heights Presbyterian

Colored M.E. Church  
 Colored Baptist Church  
 North Baptist Church  
 DeWitt School

Park Blvd Station

C.R. & P. R.R.

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State Highway  
to U.S. 81

L2696 Army-Ft. Sill, Okla.

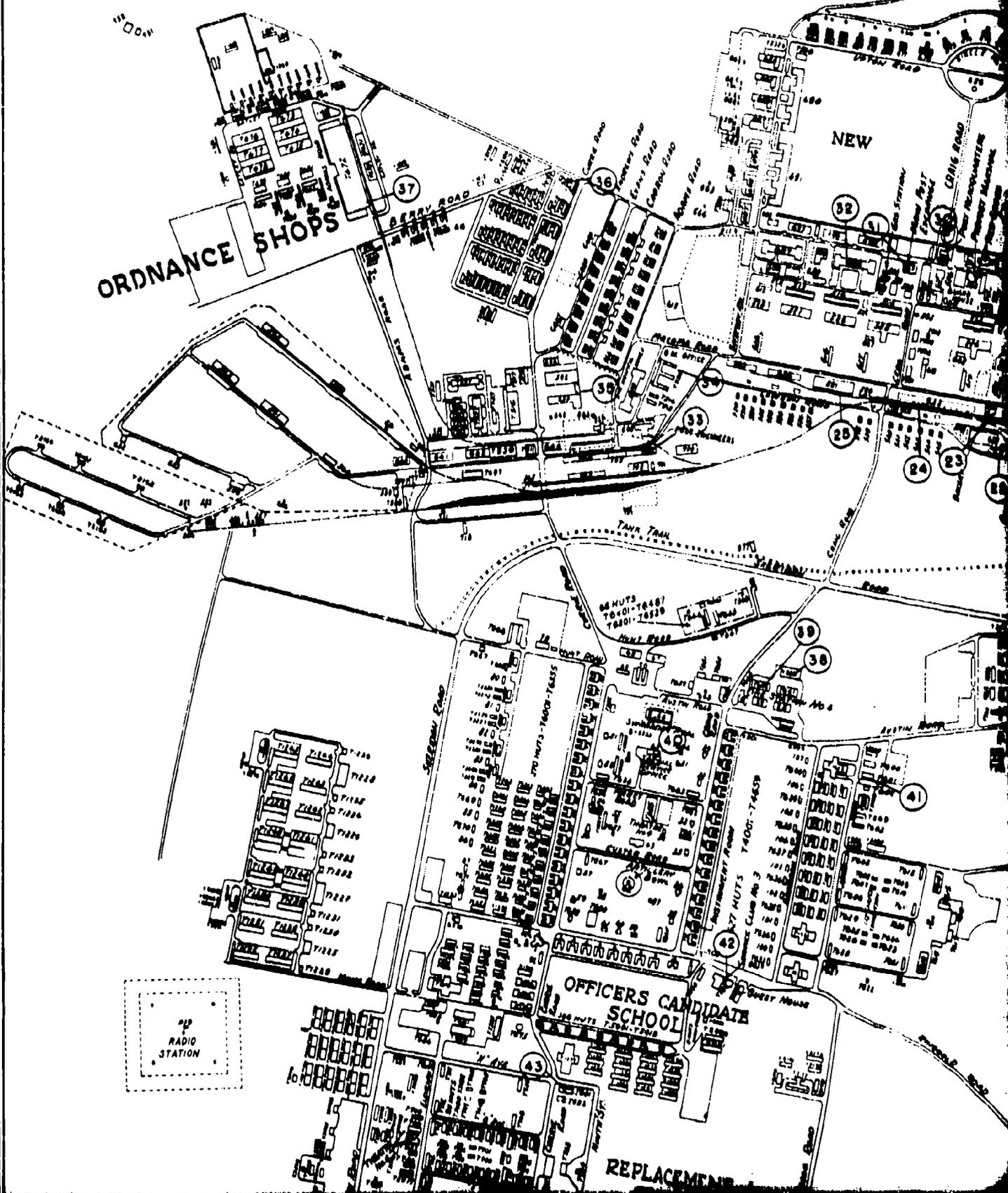
ORDNANCE SHOPS

NEW

OFFICERS CANDIDATE SCHOOL

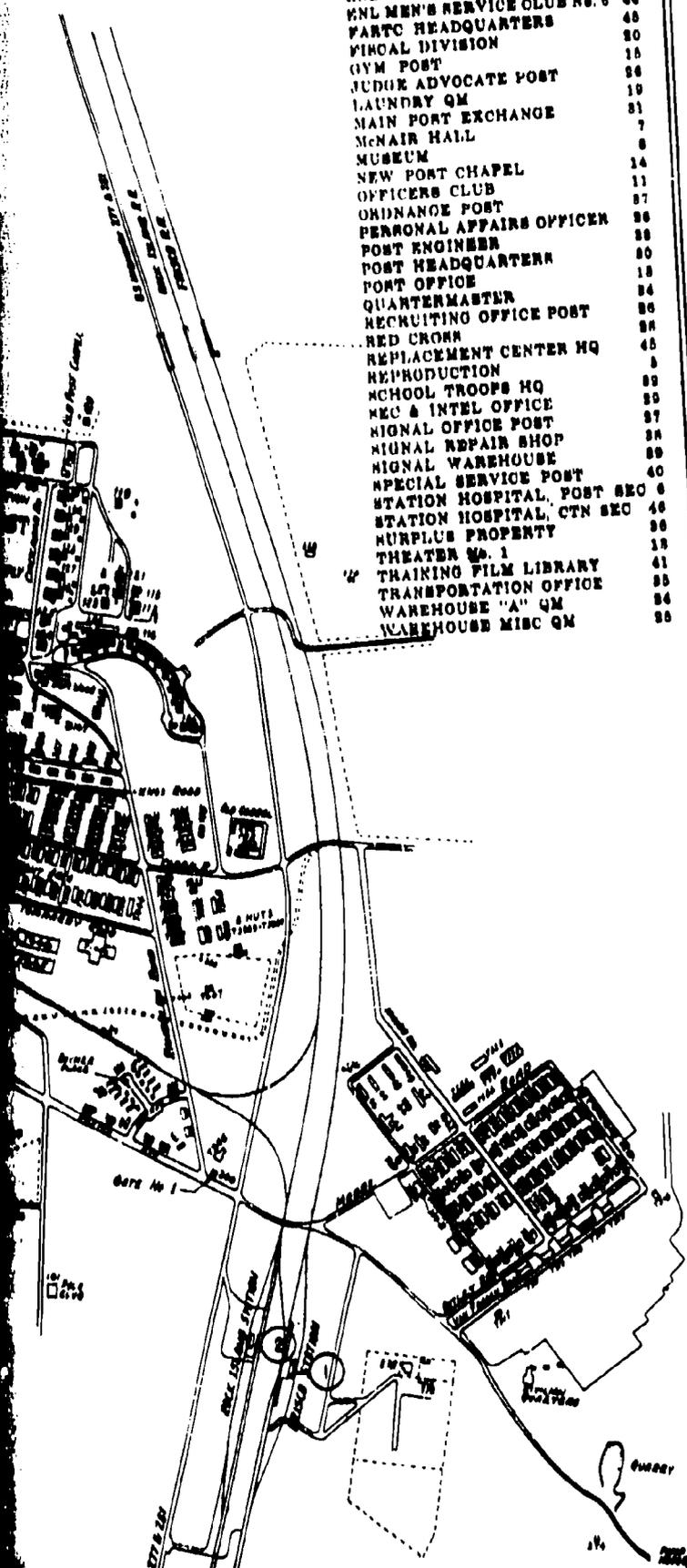
REPLACEMENT

RADIO STATION

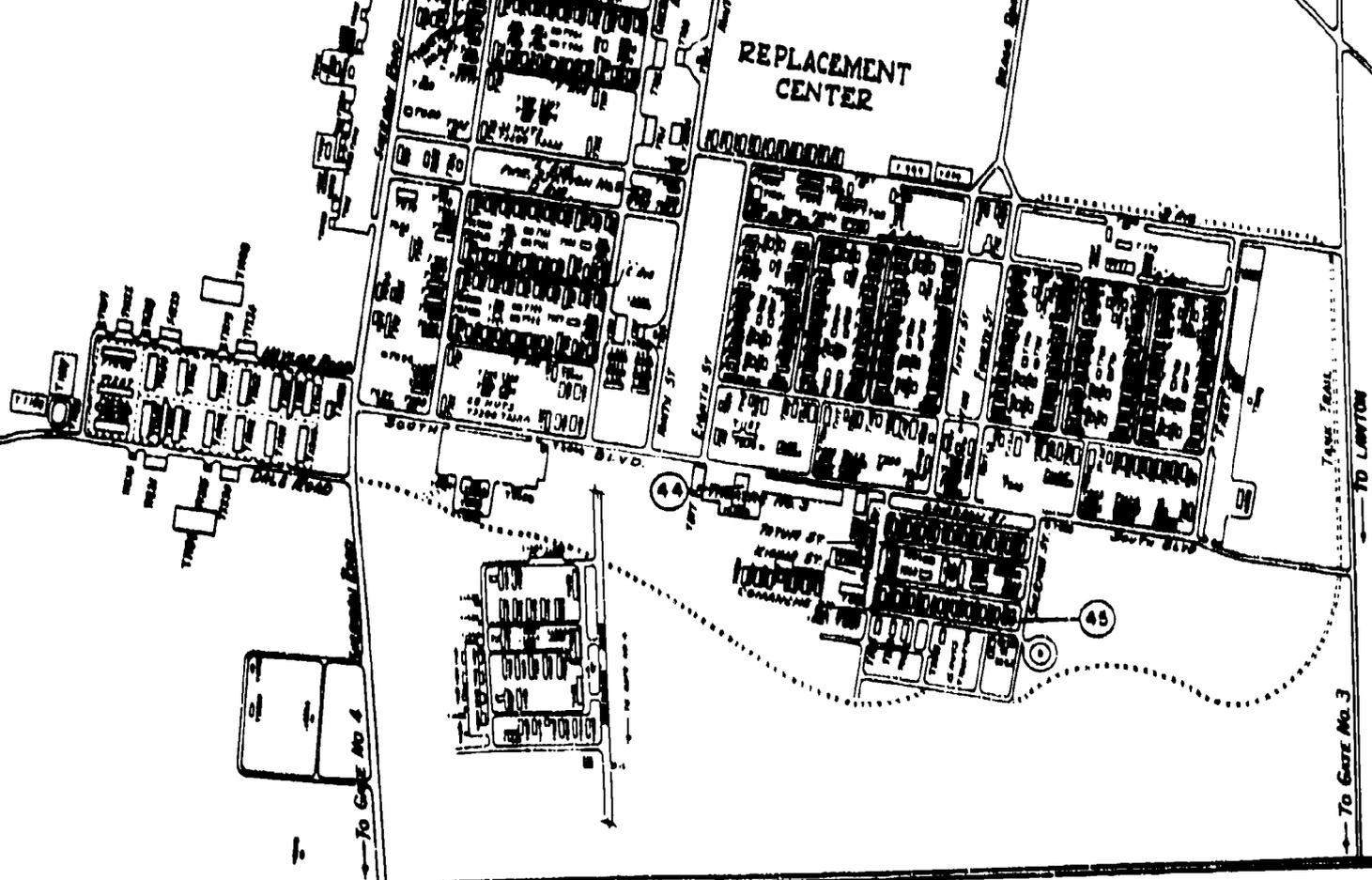


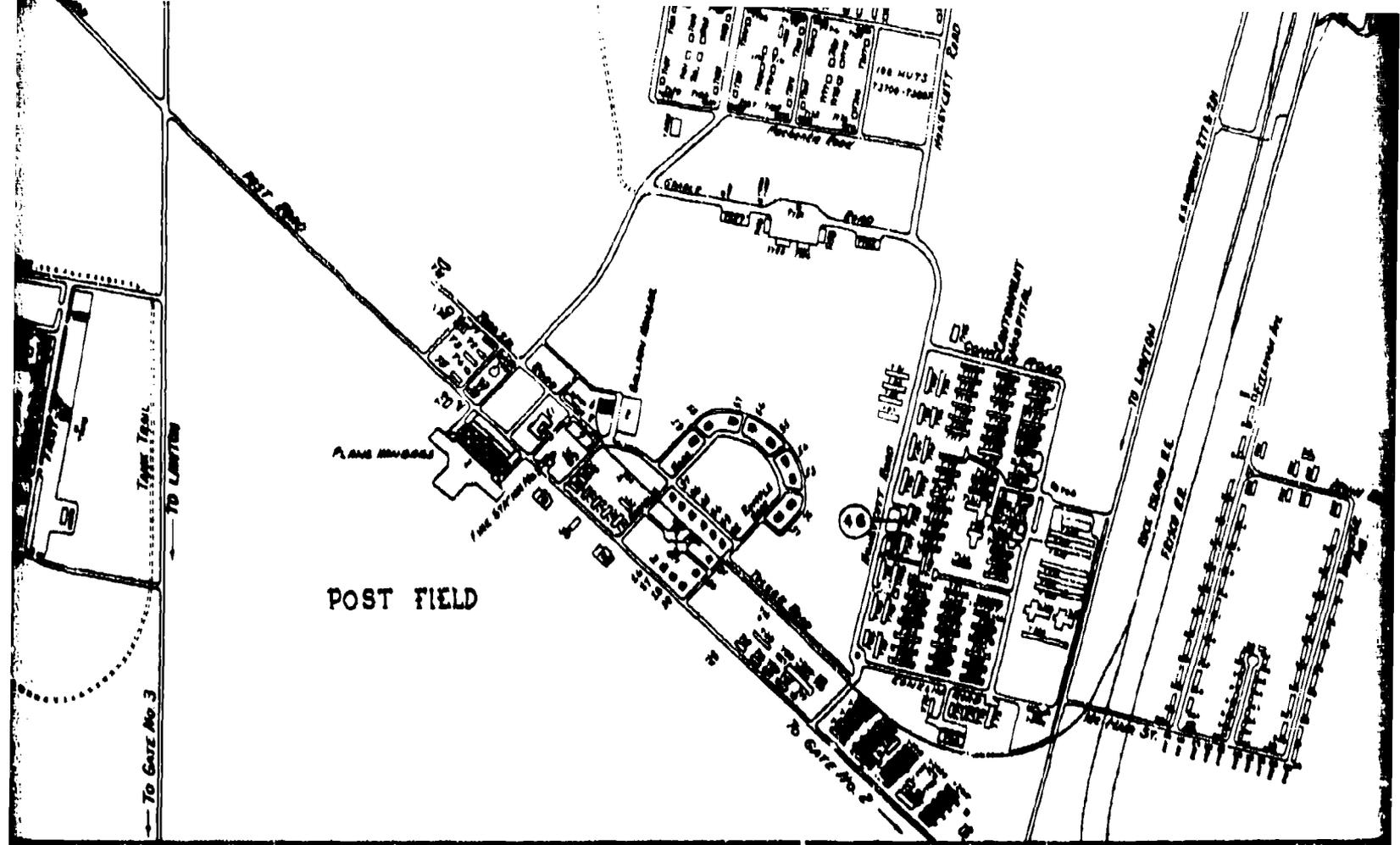


BARRY QM	35
BARBER SHOP POST	17
BOOK STORE PAR	4
BUTHER FIELD	10
CIVILIAN PERSONNEL POST	16
COMMISSARY QM	81
COMMISSARY SALES STORE	47
DAN T MOORE HALL	9
DRY CLEANING PLANT QM	38
ENL MEN'S SERVICE CLUB No. 1	18
ENL MEN'S SERVICE CLUB No. 2	3
ENL MEN'S SERVICE CLUB No. 3	48
ENL MEN'S SERVICE CLUB No. 4	48
ENL MEN'S SERVICE CLUB No. 6	44
FANTO HEADQUARTERS	48
FINOC DIVISION	20
GYM POST	15
JUDGE ADVOCATE POST	38
LAUNDRY QM	19
MAIN PORT EXCHANGE	81
McNAIR HALL	7
MUSEUM	8
NEW PORT CHAPEL	14
OFFICERS CLUB	11
ORDNANCE POST	87
PERSONAL AFFAIRS OFFICER	26
POST ENGINEER	38
POST HEADQUARTERS	30
POST OFFICE	13
QUARTERMASTER	34
RECRUITING OFFICE POST	36
RED CROSS	34
REPLACEMENT CENTER HQ	45
REPRODUCTION	3
SCHOOL TROOPS HQ	39
SEC & INTEL OFFICE	29
SIGNAL OFFICE POST	37
SIGNAL REPAIR SHOP	34
SIGNAL WAREHOUSE	39
SPECIAL SERVICE POST	40
STATION HOSPITAL, POST SEC 6	46
STATION HOSPITAL, CTN SEC 6	46
SURPLUS PROPERTY	36
THEATER No. 1	13
TRAINING FILM LIBRARY	41
TRANSPORTATION OFFICE	35
WAREHOUSE "A" QM	34
WAREHOUSE MISC QM	35

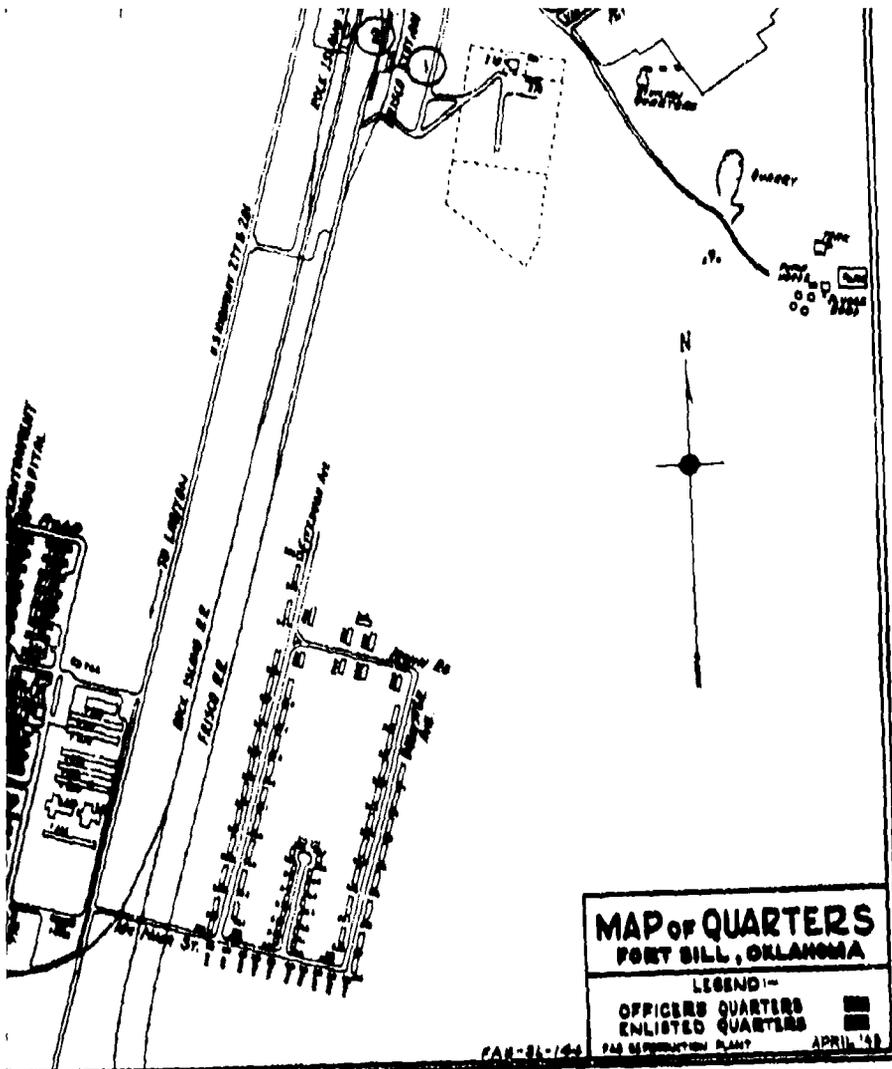


REPLACEMENT CENTER





POST FIELD

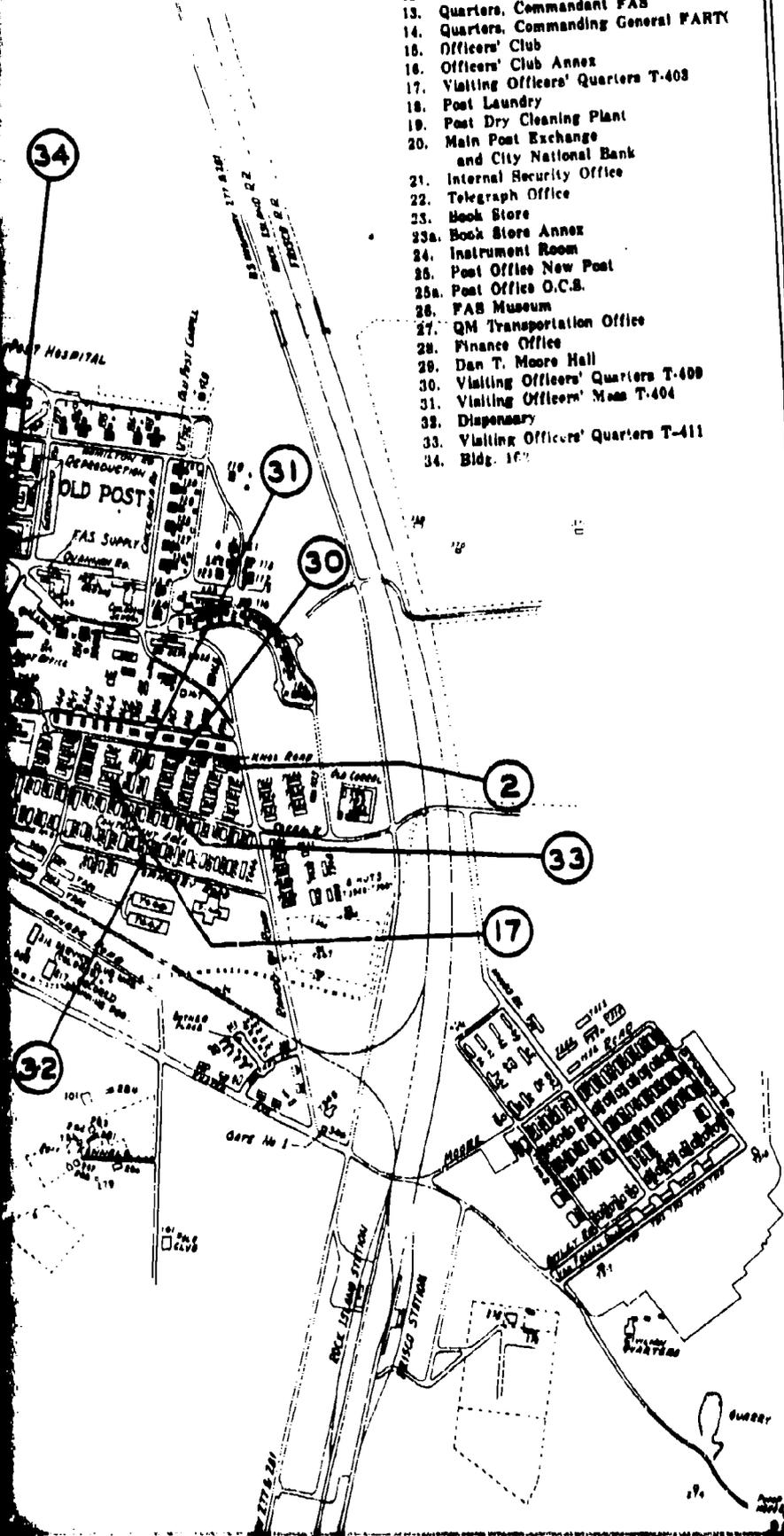


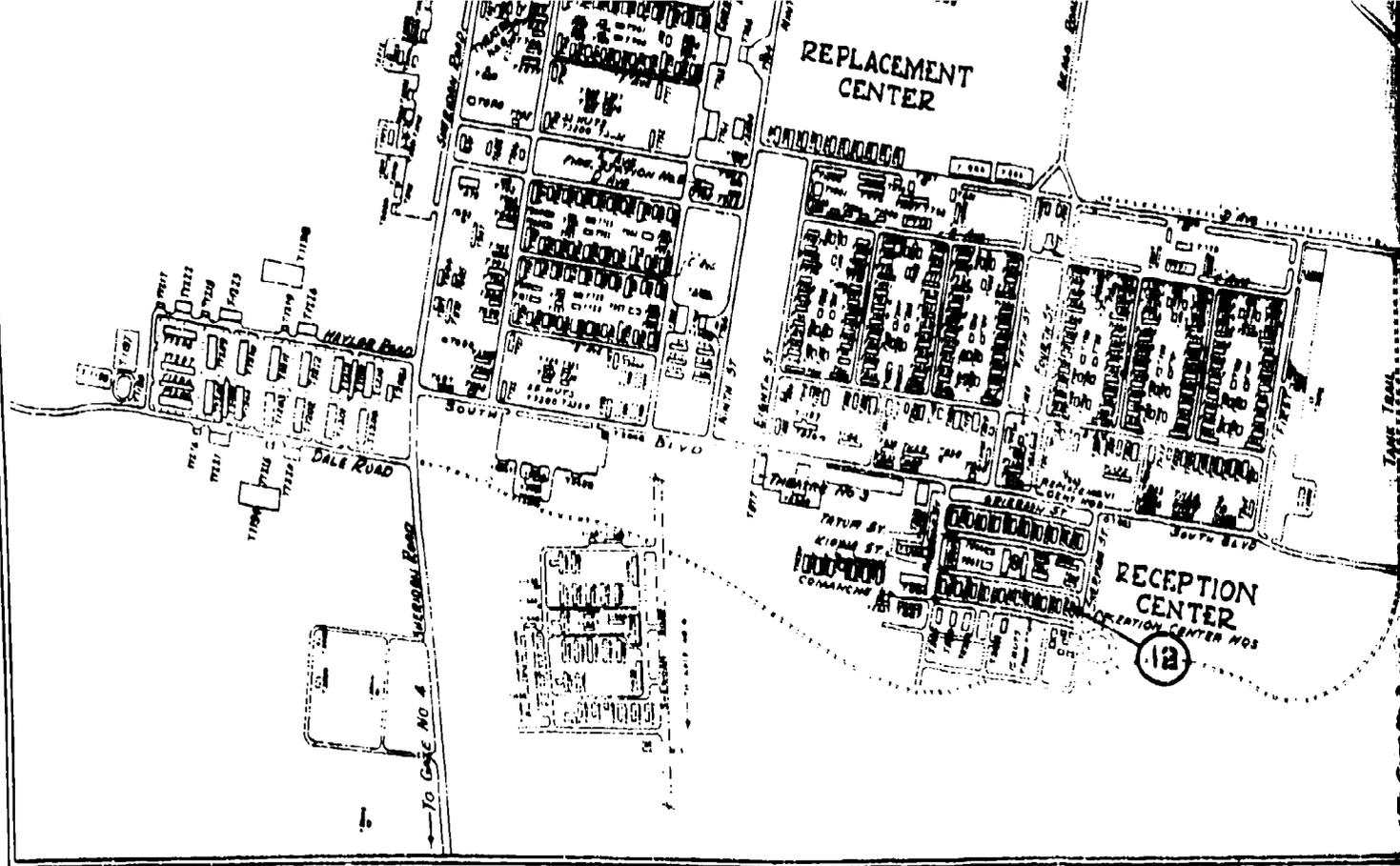




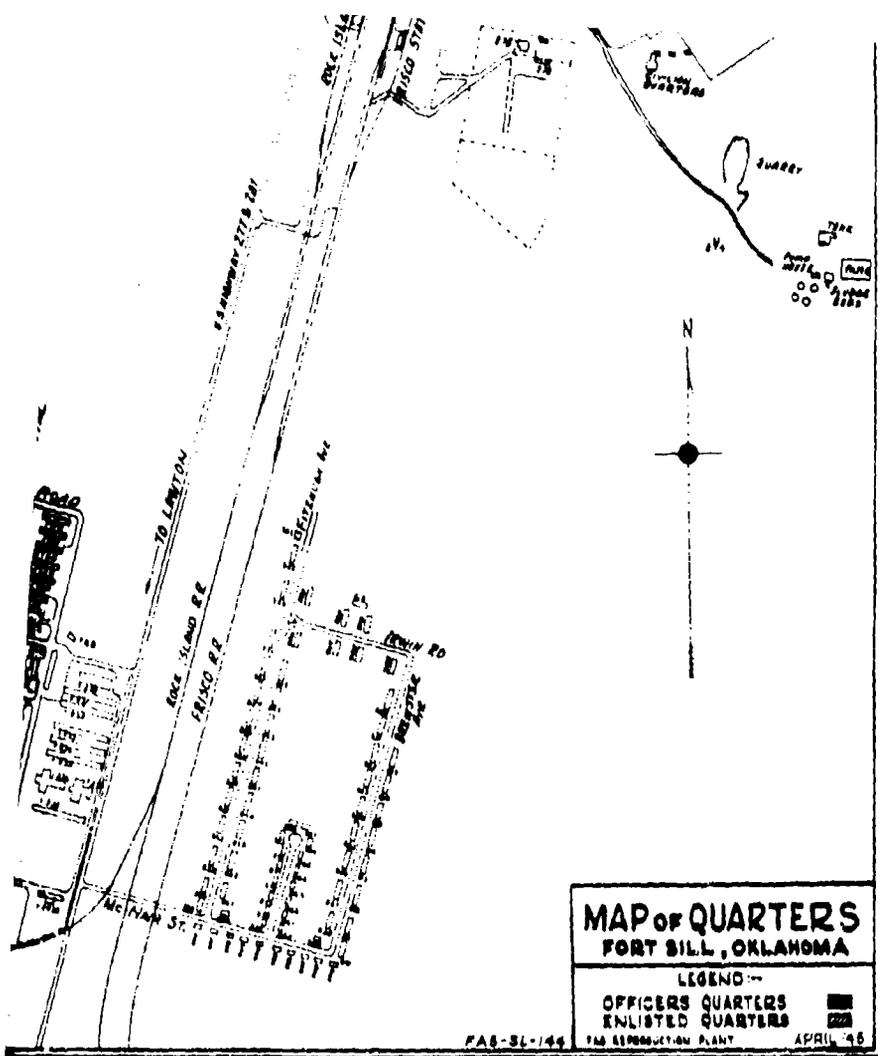
1945

1. Student Officers' Headquarters
2. Student Officers' Headquarters "B"
3. Director, Department of Gunnery
4. Director, Department of Motors
5. Director, Department of Material (Armament Building)
6. Director, Department of Combined Arms
7. Colored Detachment FAS
8. Director, Department of Communication
9. Director, Department of Air Training
10. Post Headquarters
11. FARTC Headquarters
12. Quarters, Commandant FAS
13. Quarters, Commanding General FARTY
14. Officers' Club
15. Officers' Club Annex
16. Visiting Officers' Quarters T-403
17. Post Laundry
18. Post Dry Cleaning Plant
19. Main Post Exchange and City National Bank
20. Internal Security Office
21. Telegraph Office
22. Book Store
- 23a. Book Store Annex
24. Instrument Room
25. Post Office New Post
- 25a. Post Office O.C.S.
26. FAS Museum
27. QM Transportation Office
28. Finance Office
29. Dan T. Moore Hall
30. Visiting Officers' Quarters T-409
31. Visiting Officers' Mess T-404
32. Dispensary
33. Visiting Officers' Quarters T-411
34. Bldg. 100









L2696 Army-Ft. Sill, Okla.